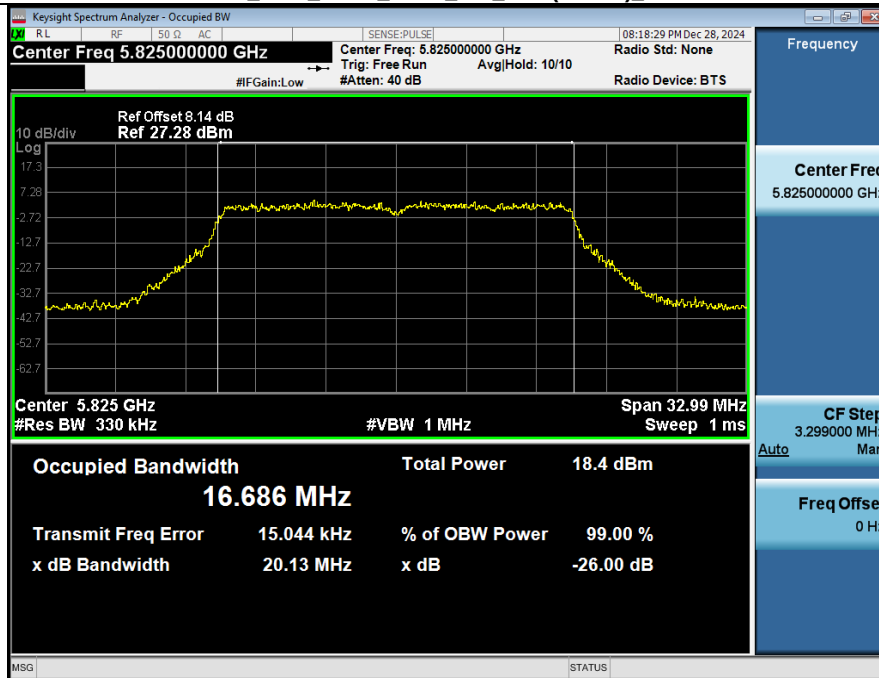
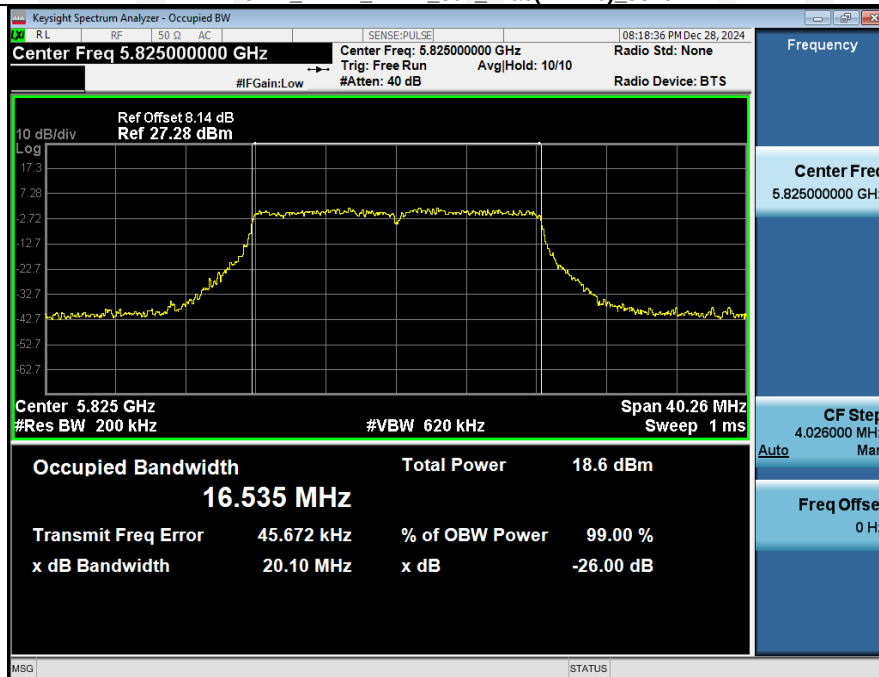


99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5825



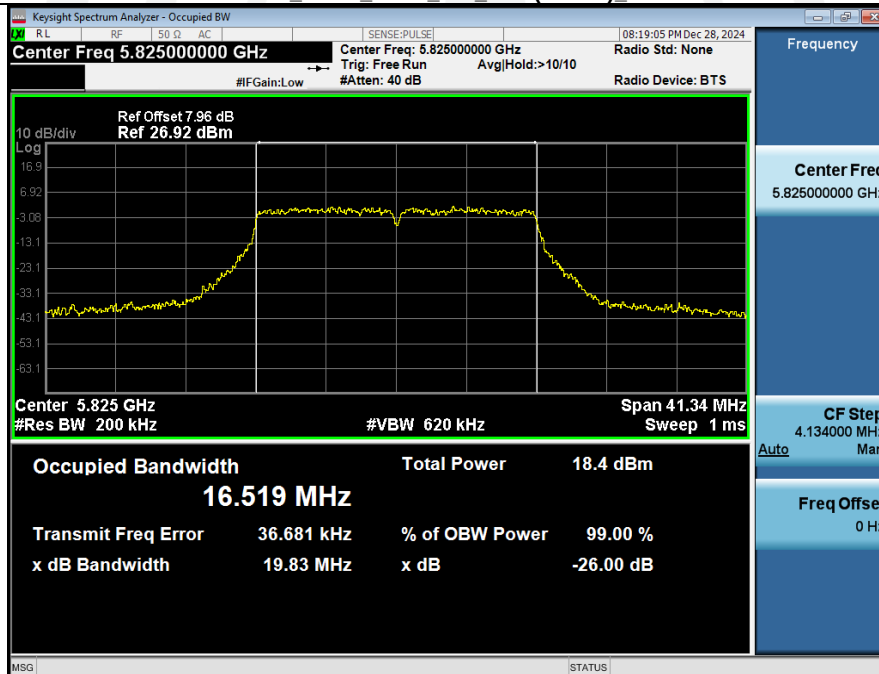
-26BW_NVNT_ANT1_802_11ac(VHT20)_5825



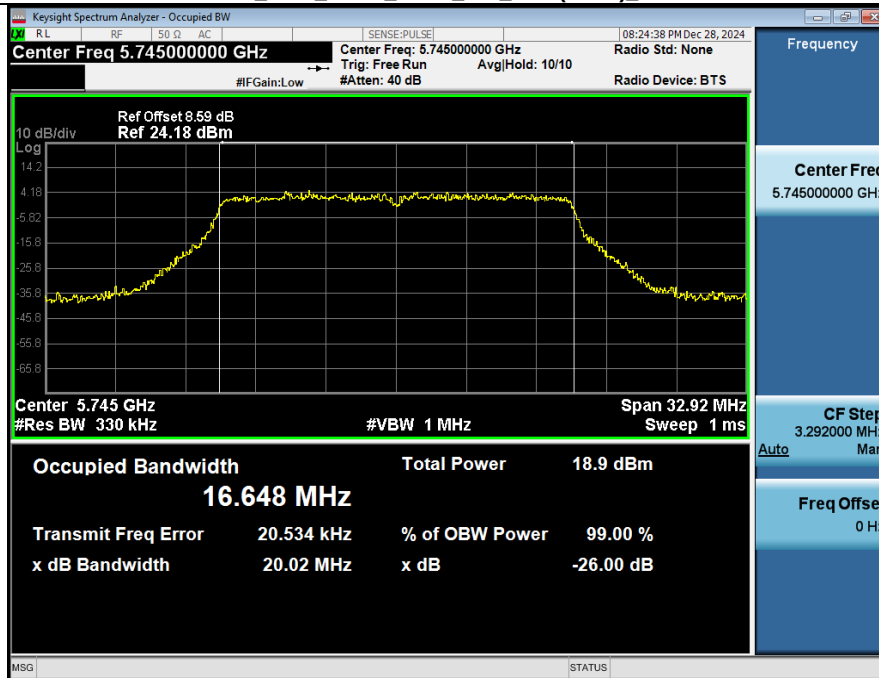
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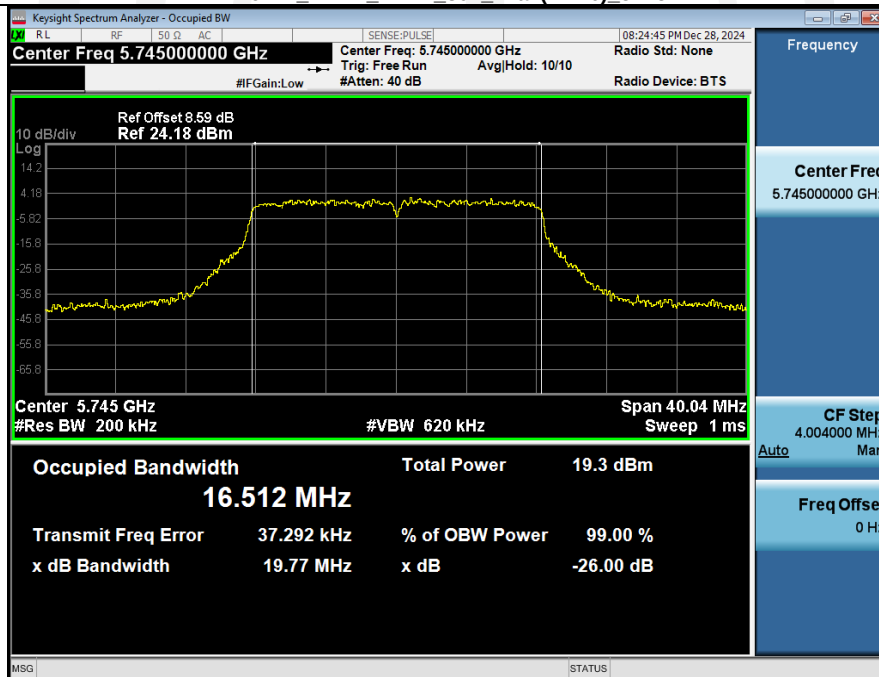
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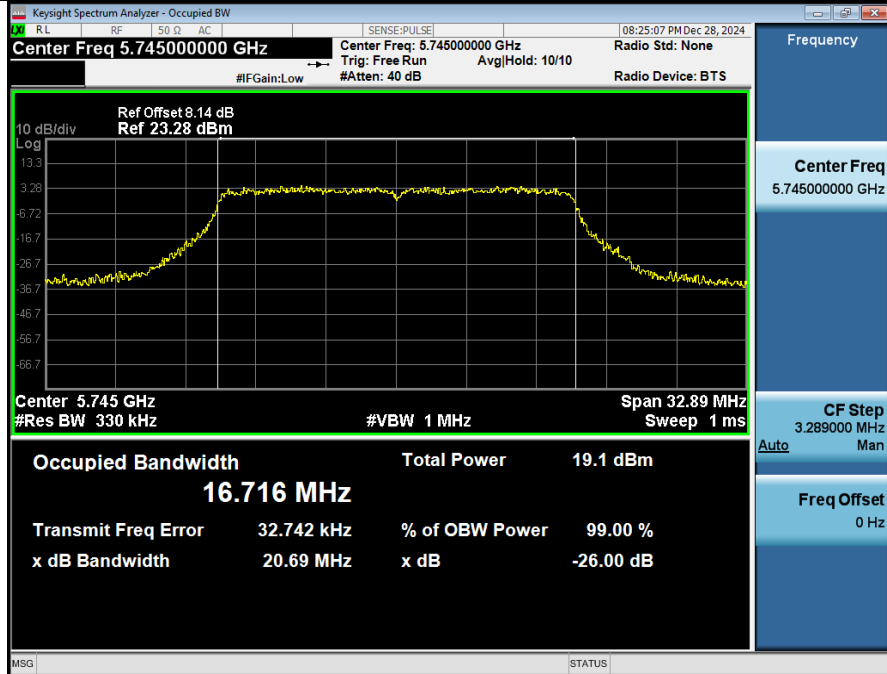
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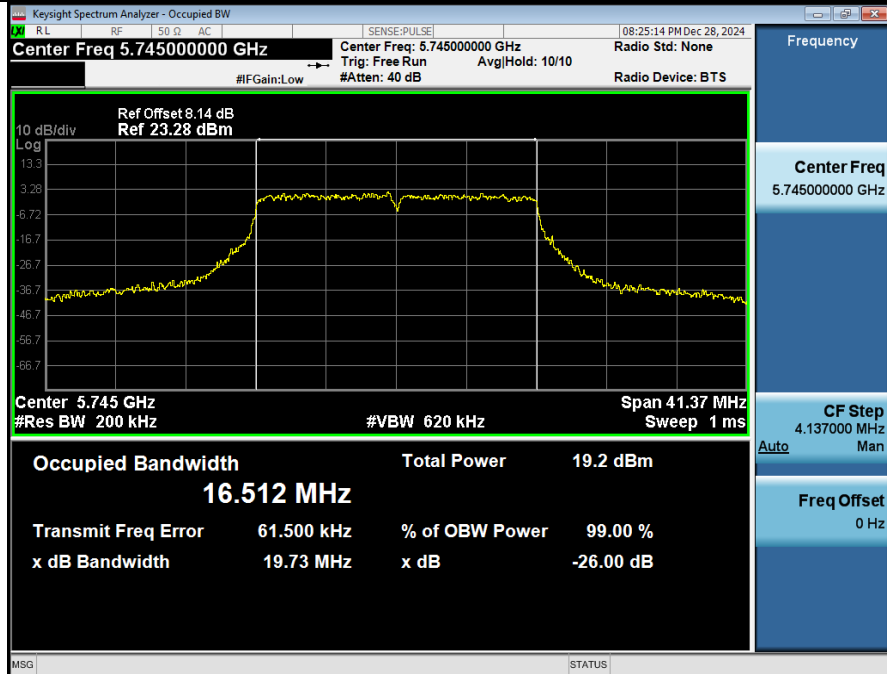
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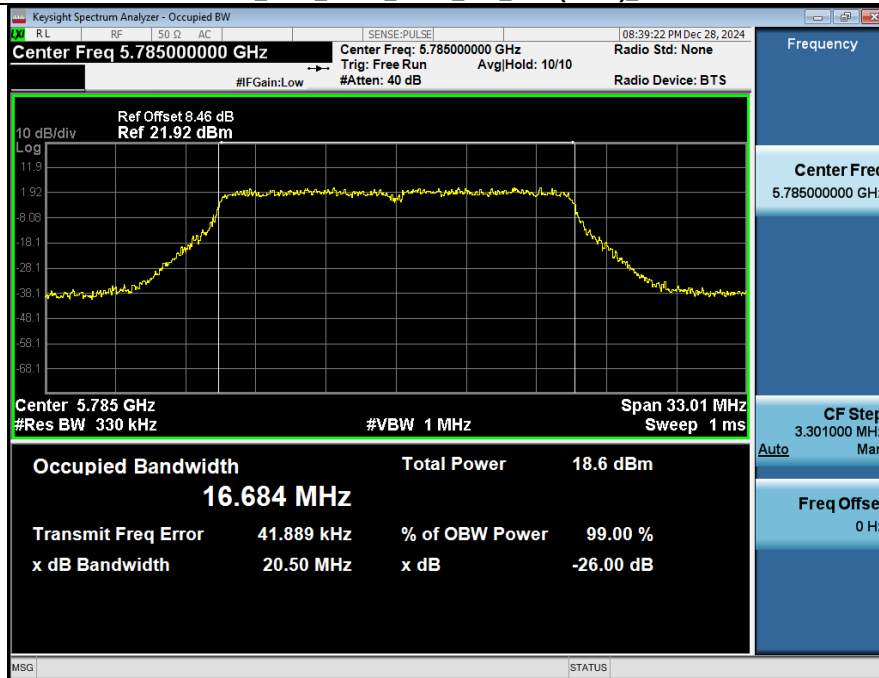
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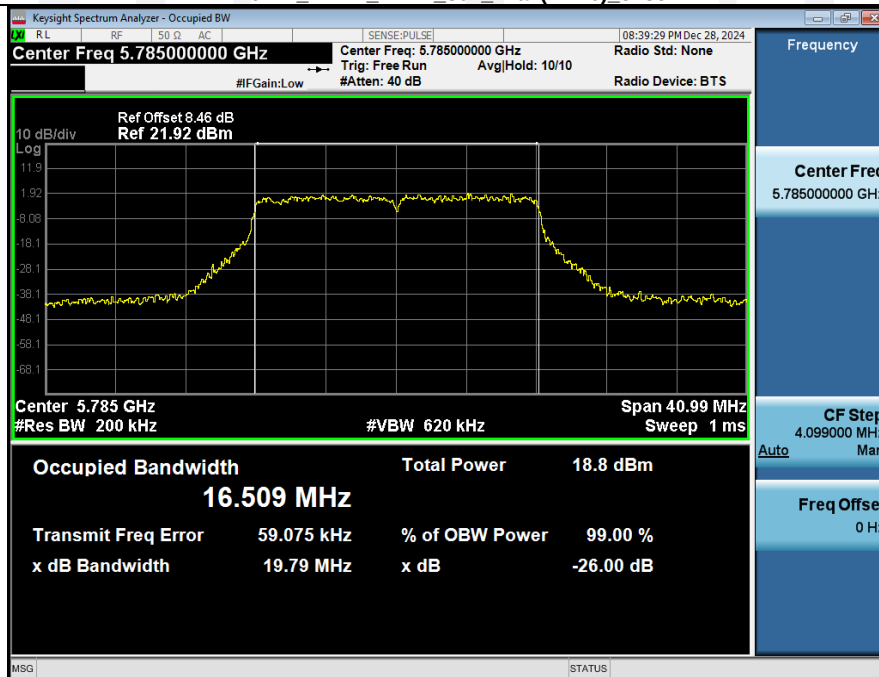
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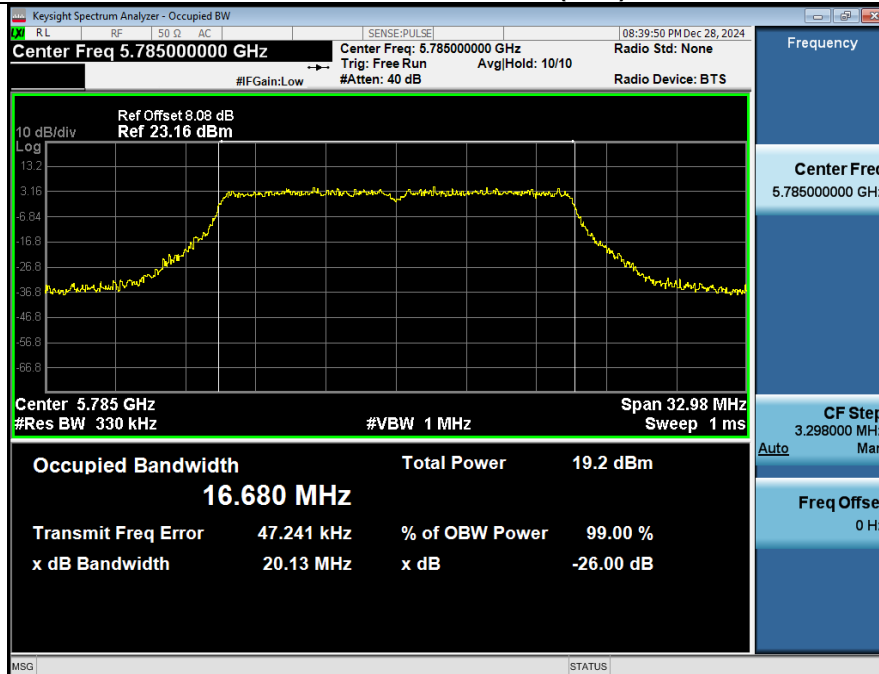
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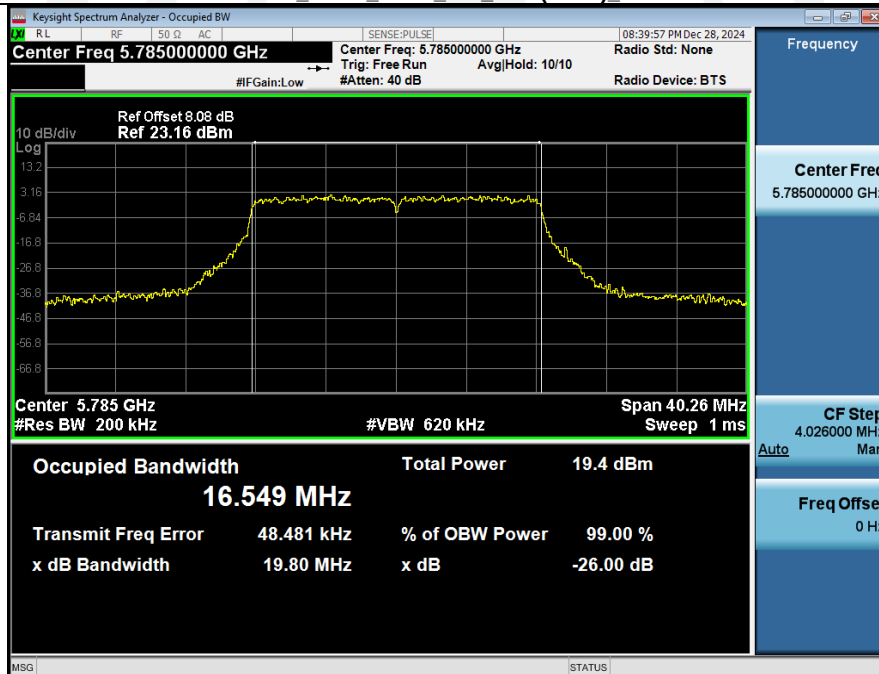
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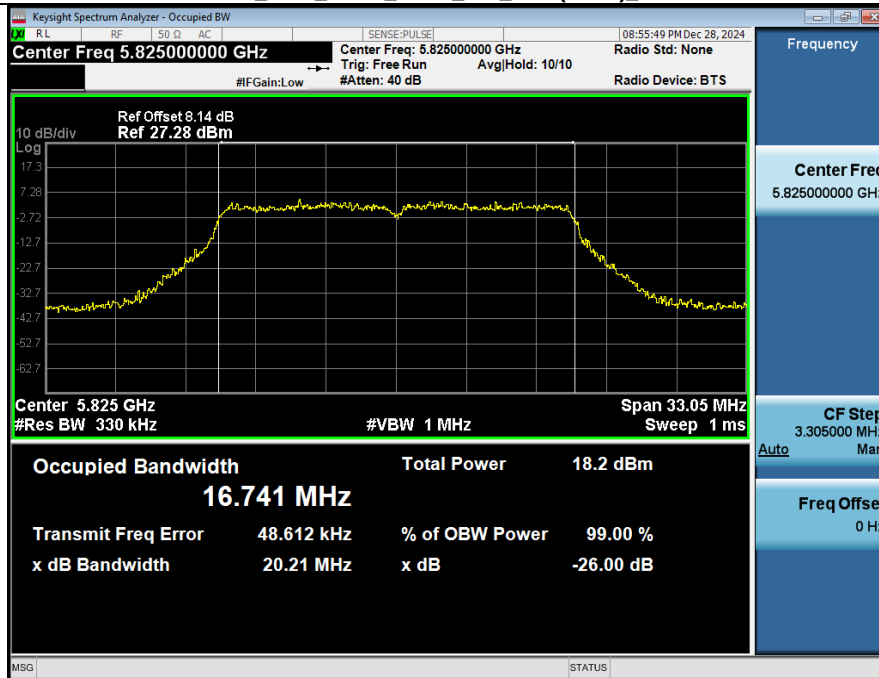
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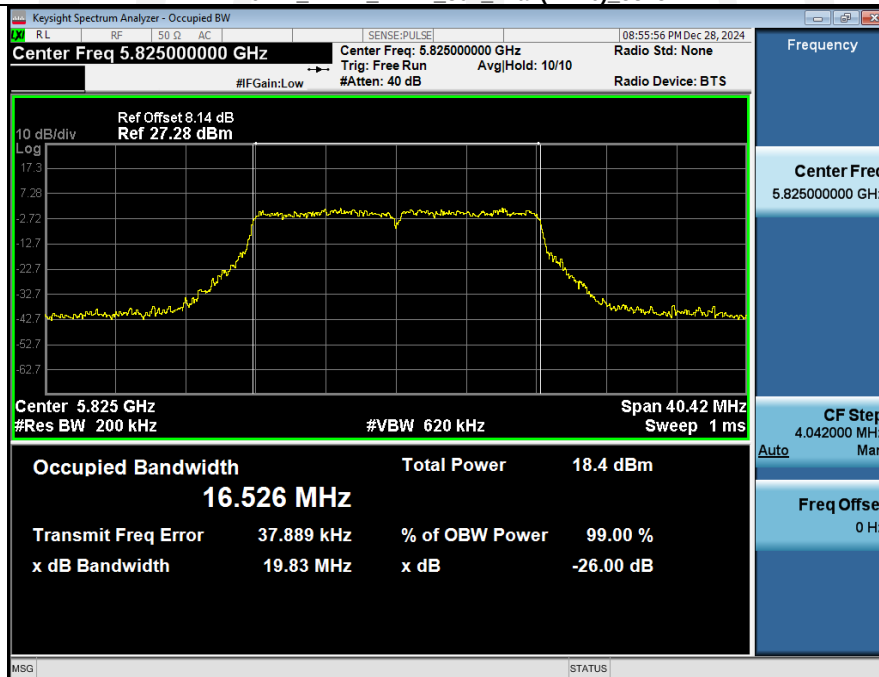
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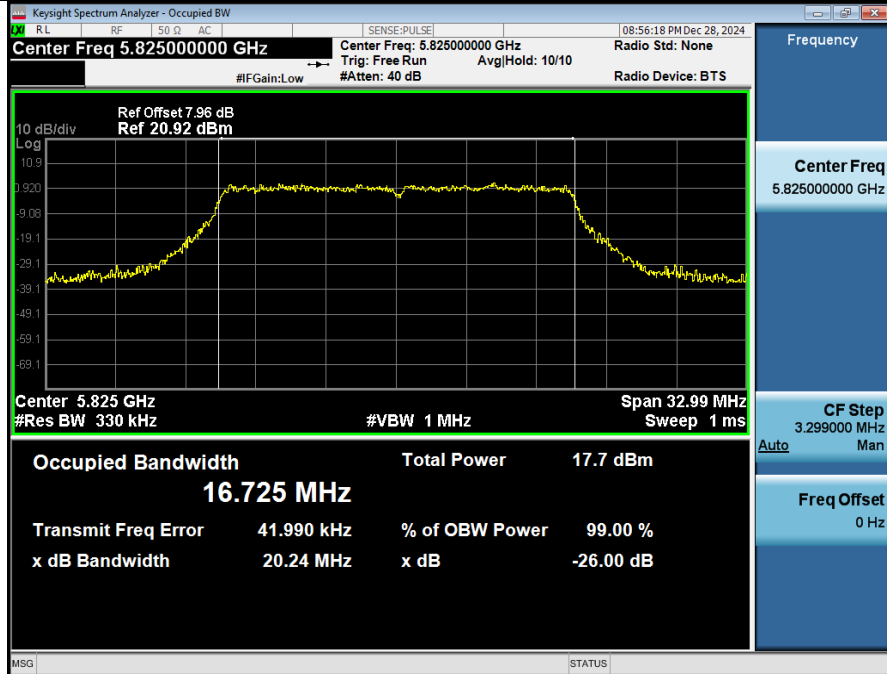
99% OCB NVNT_ANT1_802_11ax(HE20)_5825



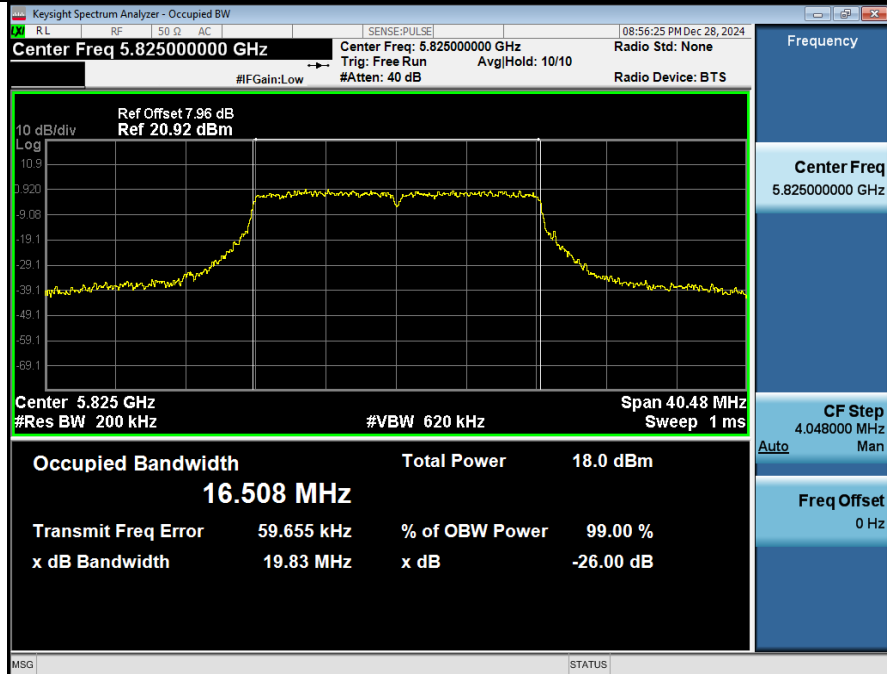
-26BW NVNT_ANT1_802_11ax(HE20)_5825



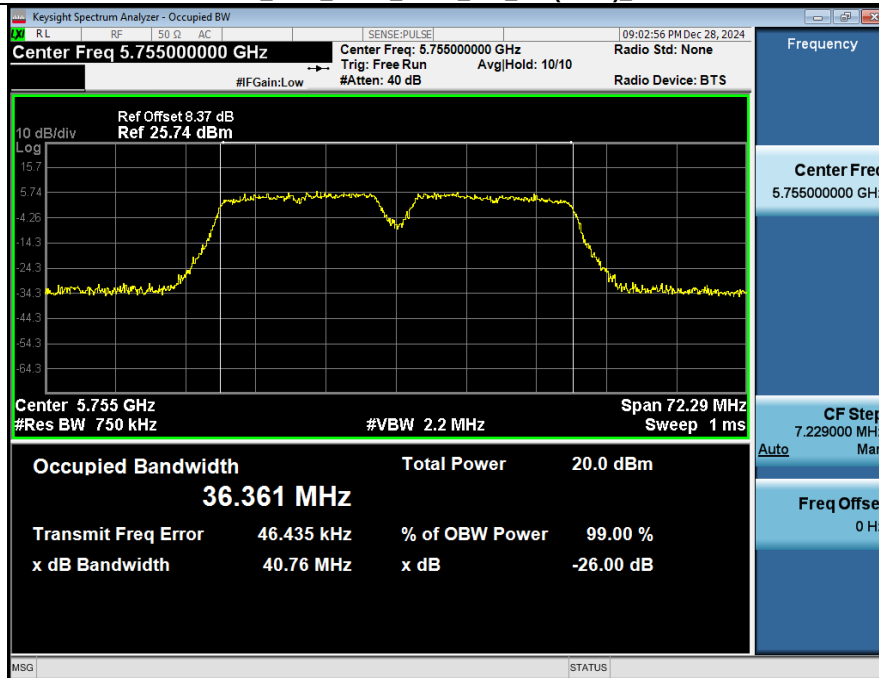
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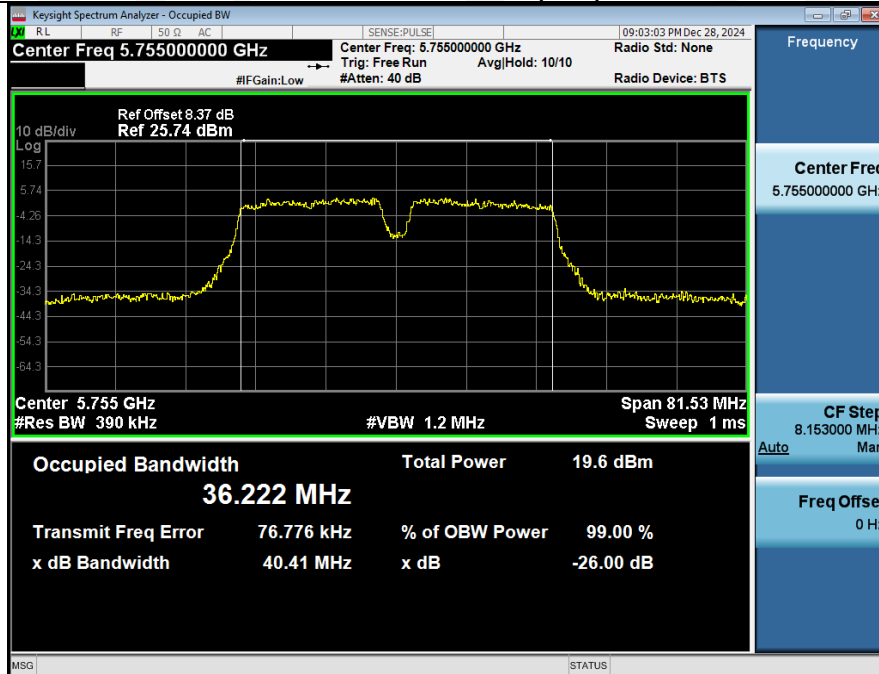
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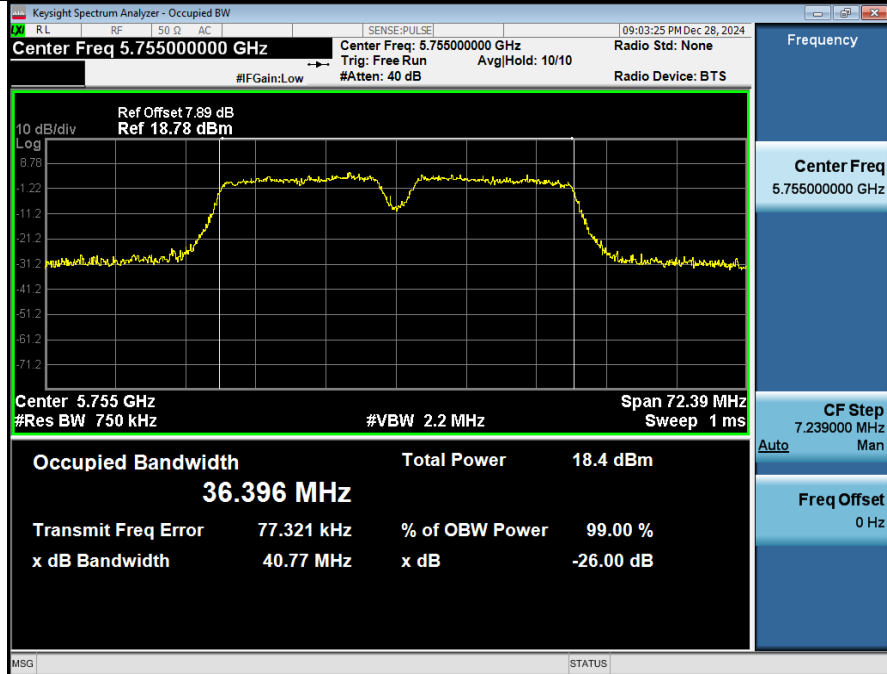
99% OCB NVNT ANT1_802_11n(HT40)_5755



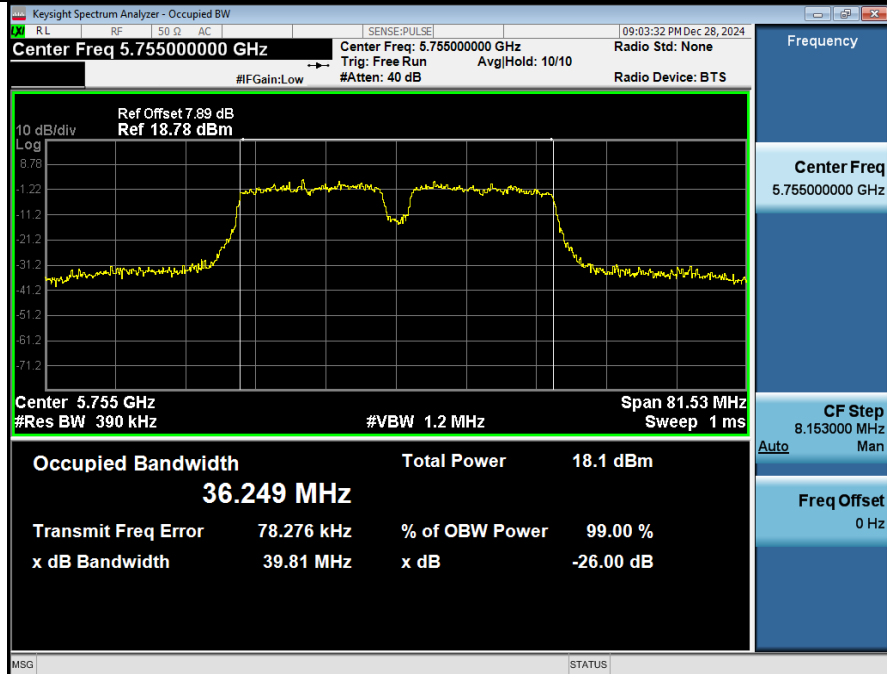
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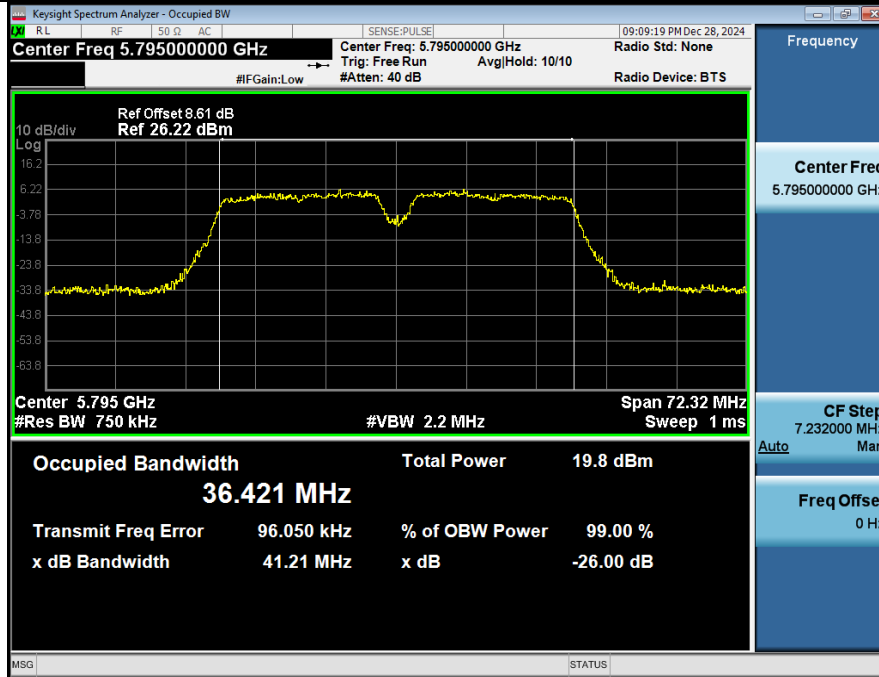
99% OCB NVNT ANT2_802_11n(HT40)_5755



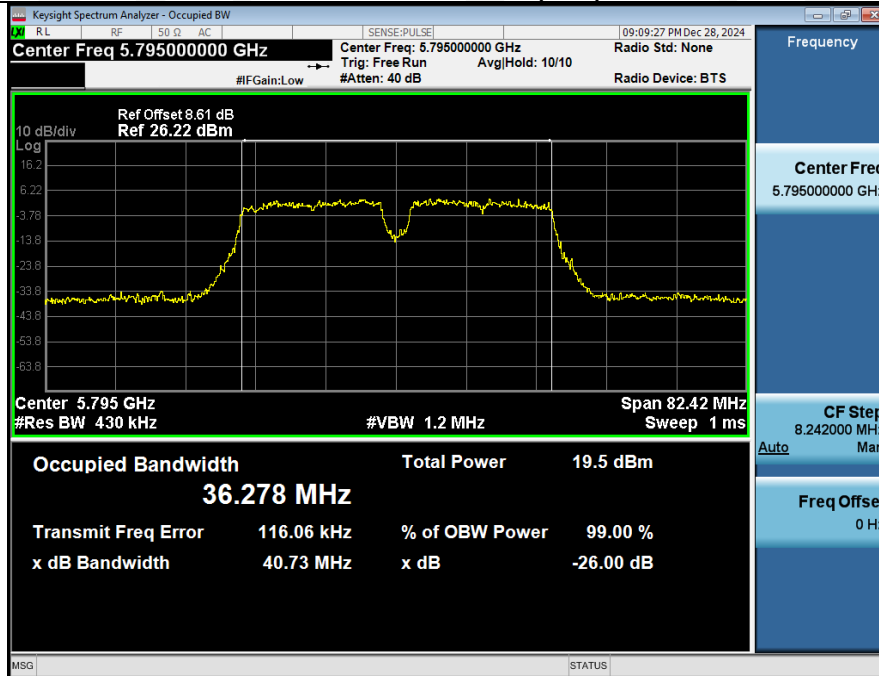
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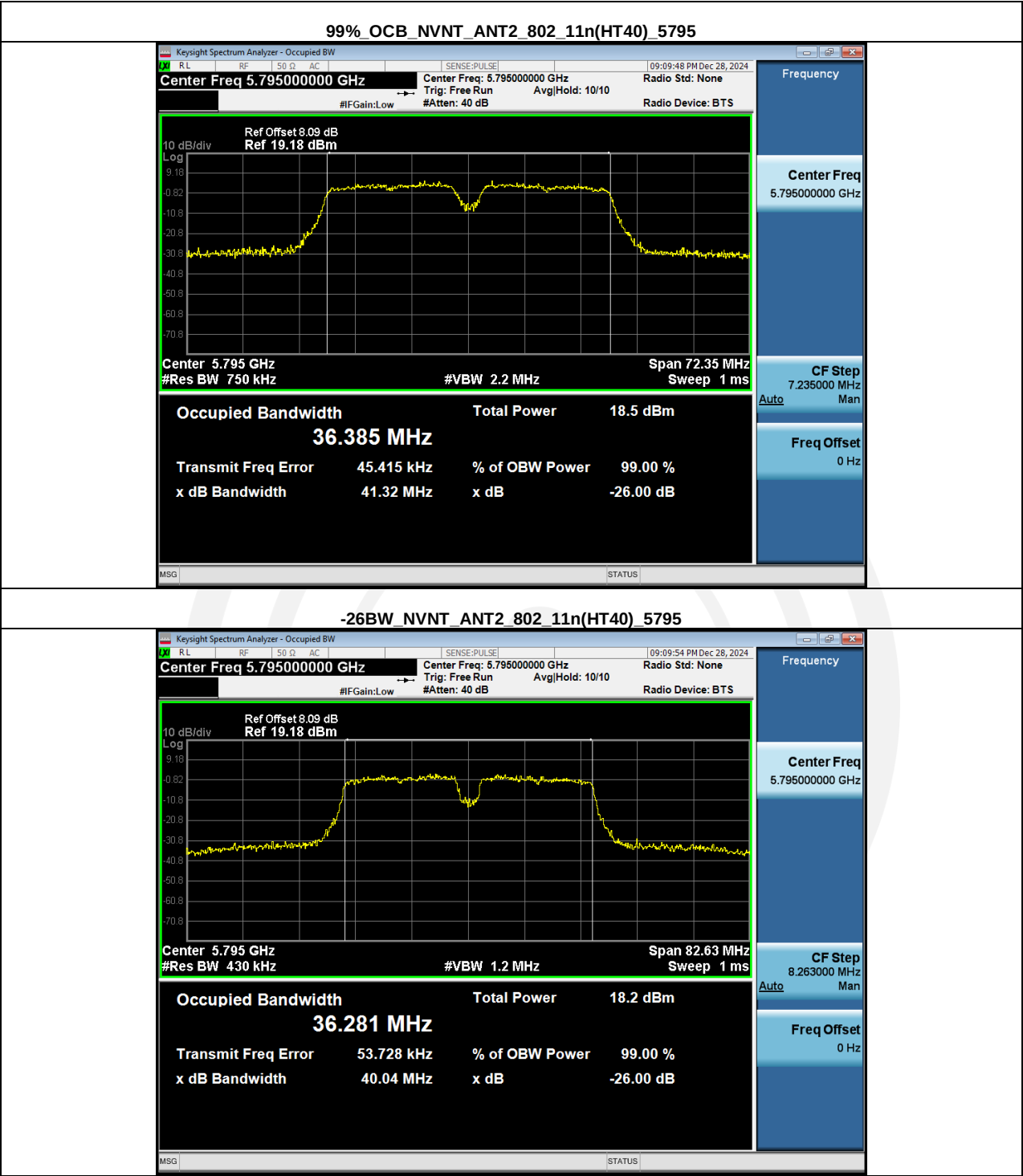


99% OCB NVNT ANT1_802_11n(HT40)_5795

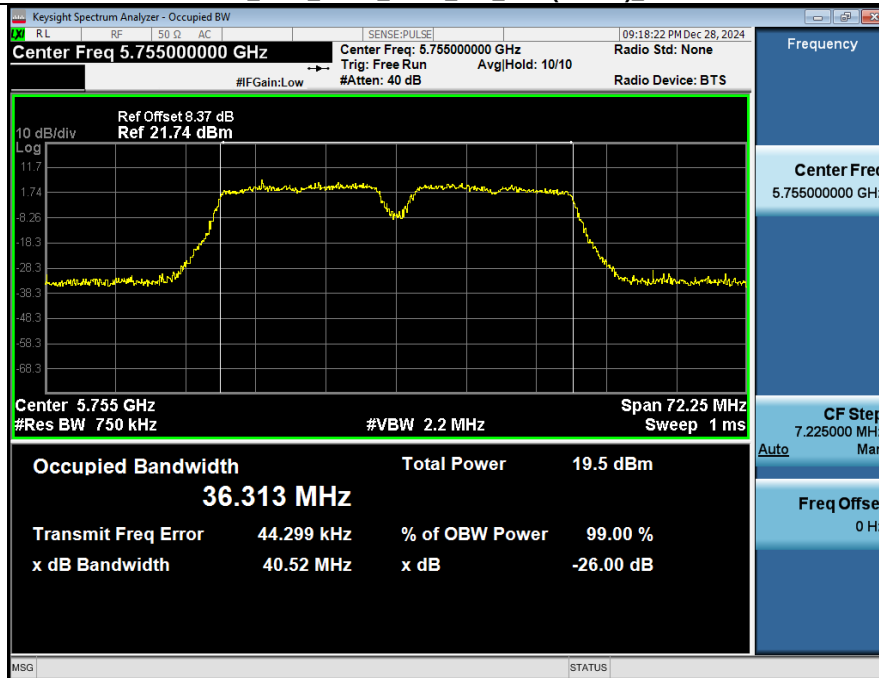


-26BW NVNT ANT1_802_11n(HT40)_5795

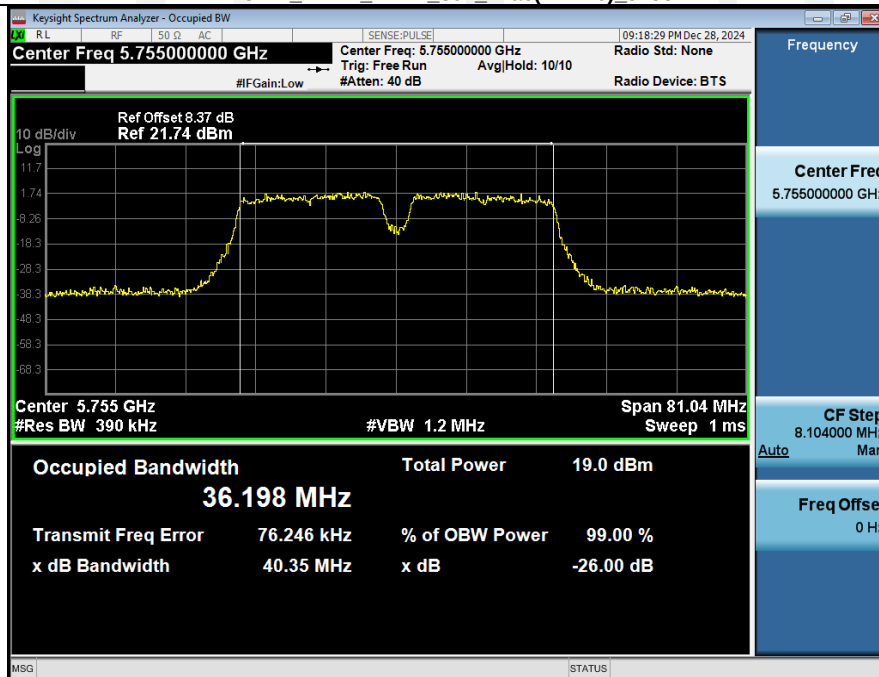




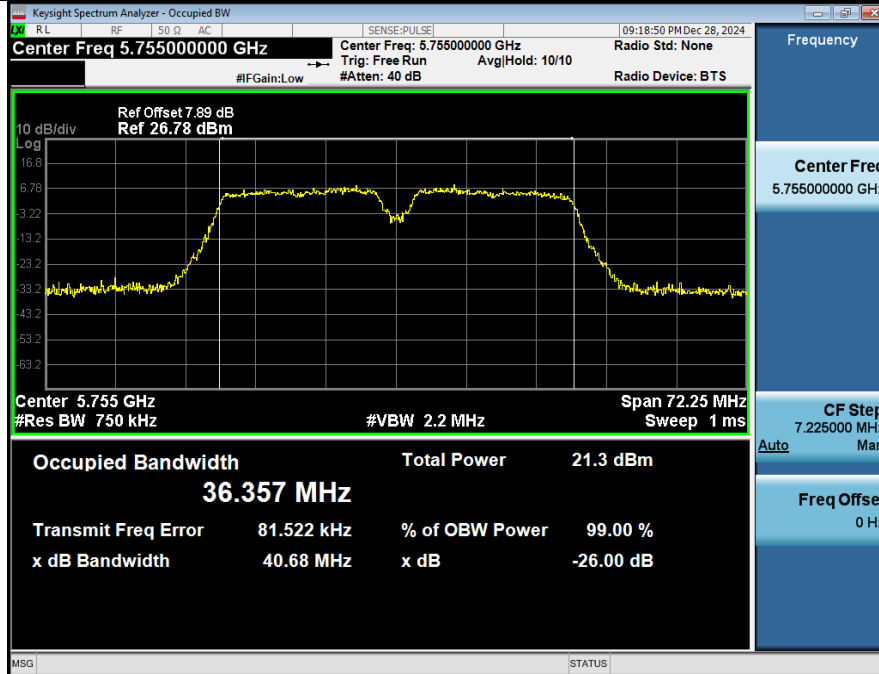
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755



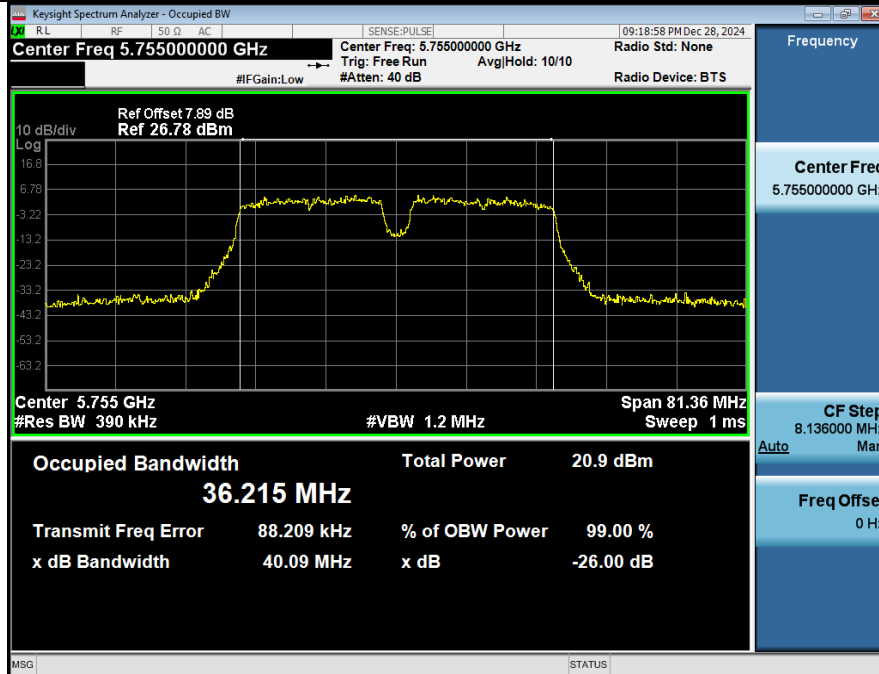
-26BW_NVNT_ANT1_802_11ac(VHT40)_5755



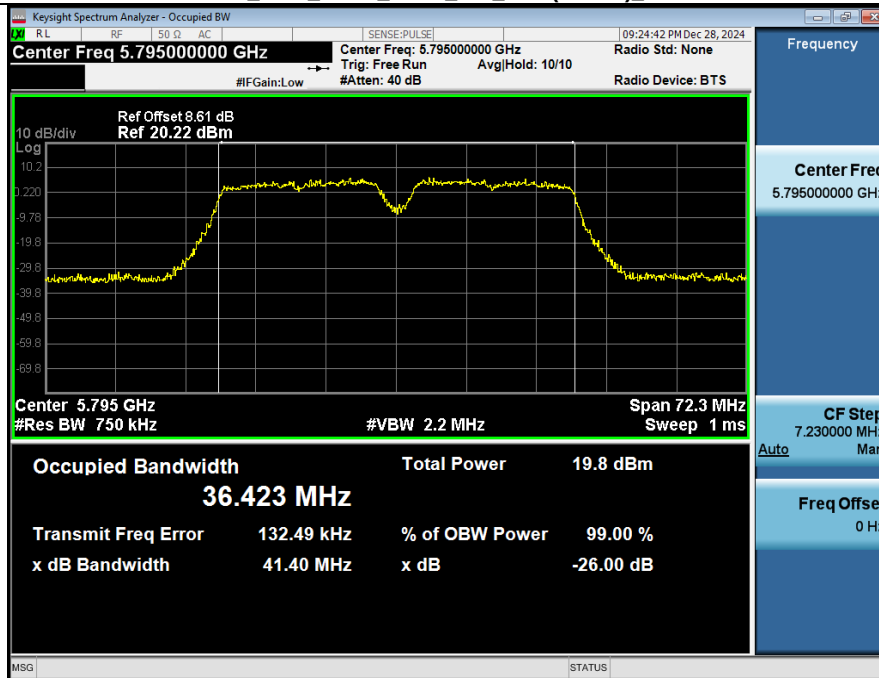
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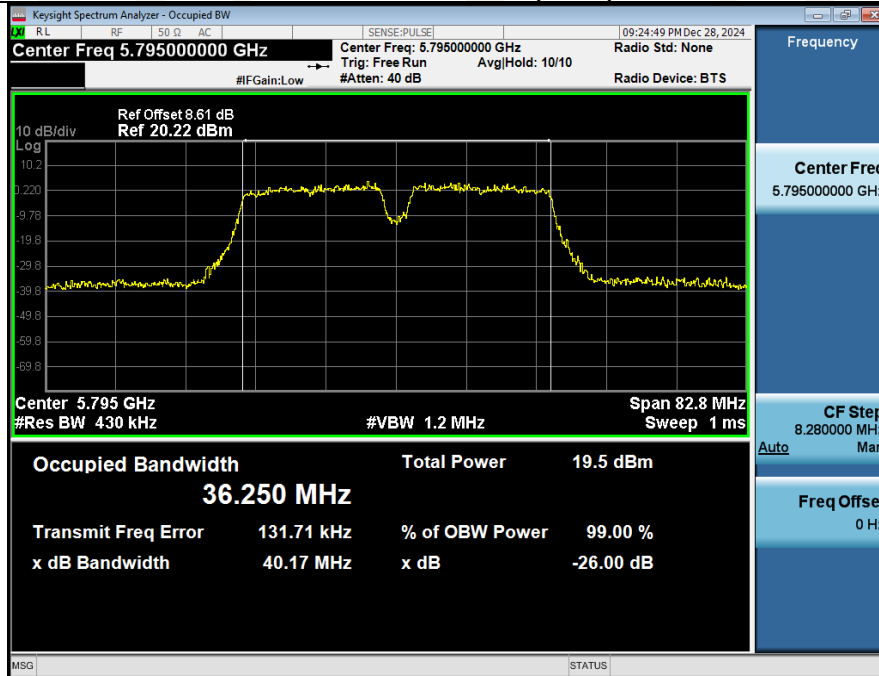
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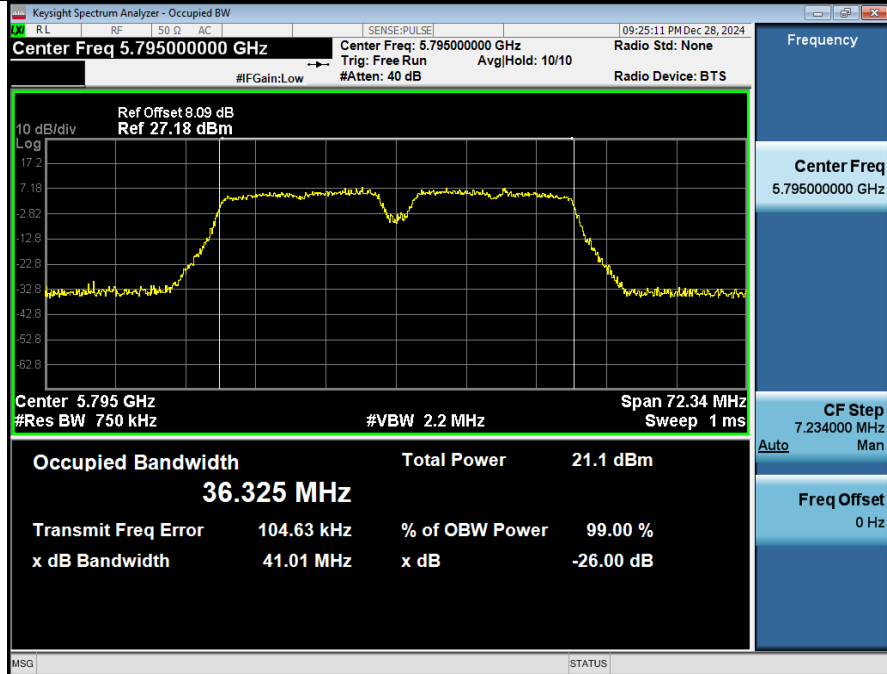
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



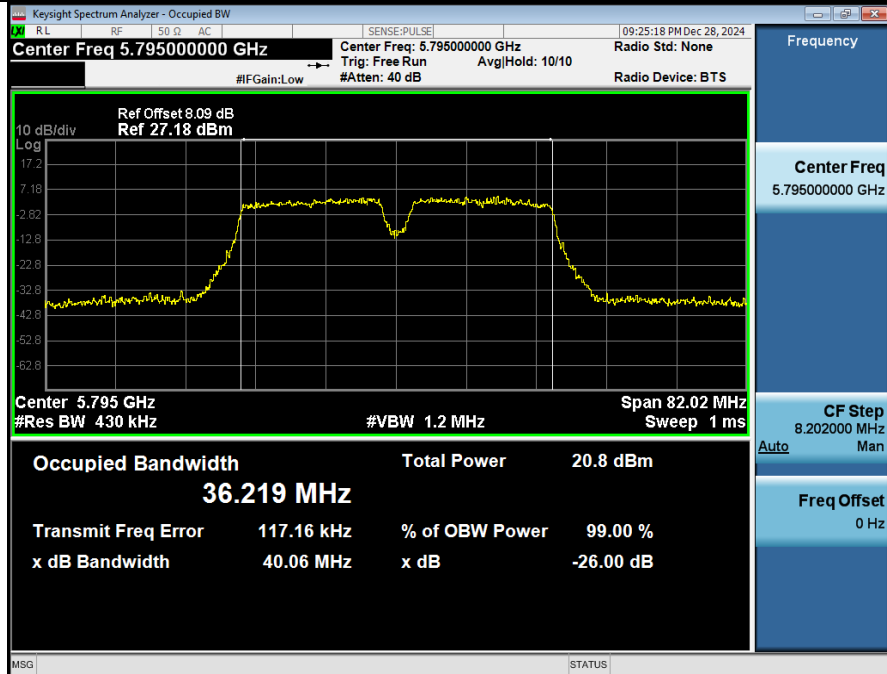
-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



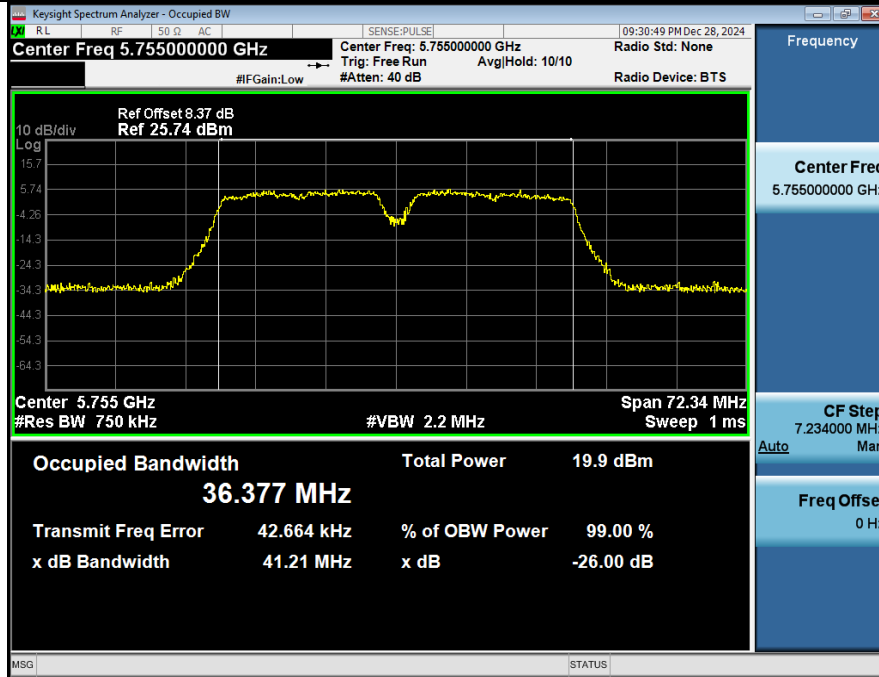
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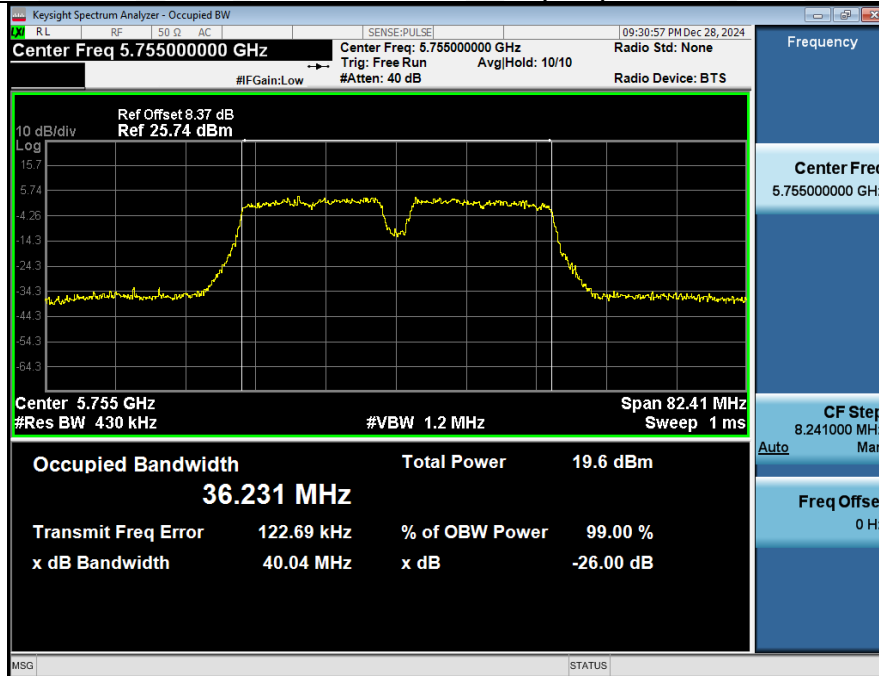
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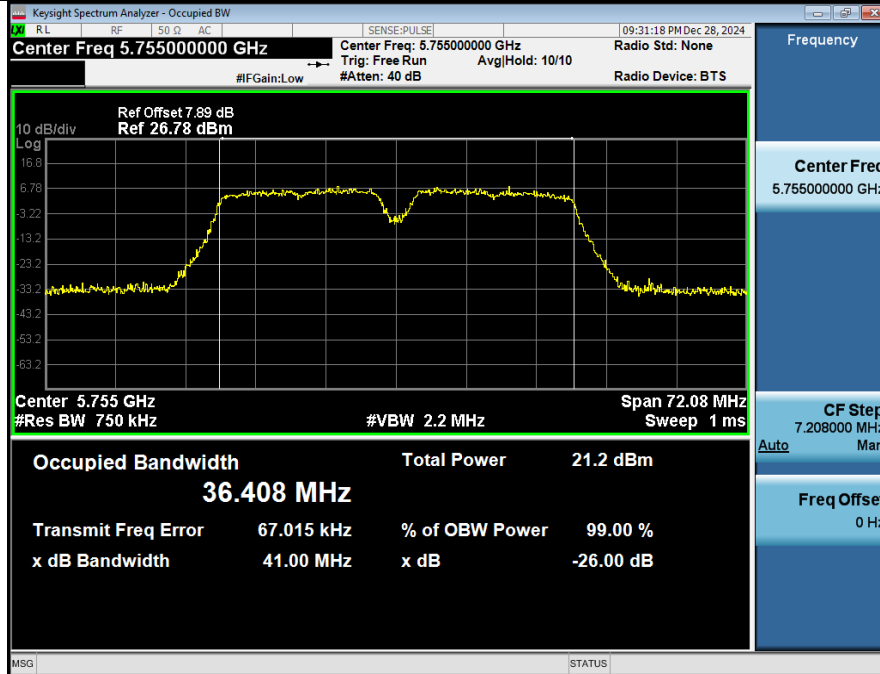
99% OCB NVNT ANT1_802_11ax(HE40)_5755



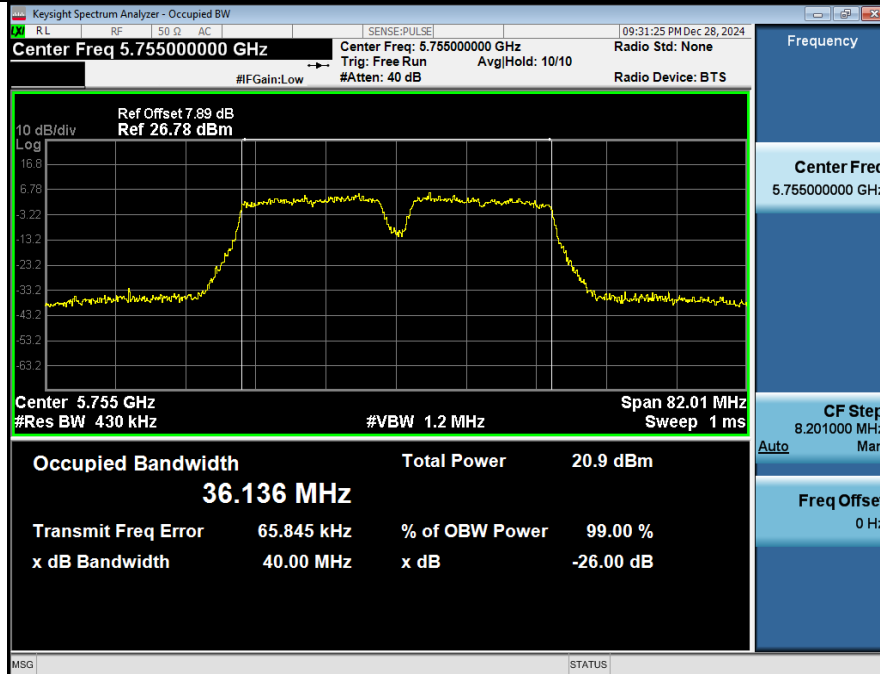
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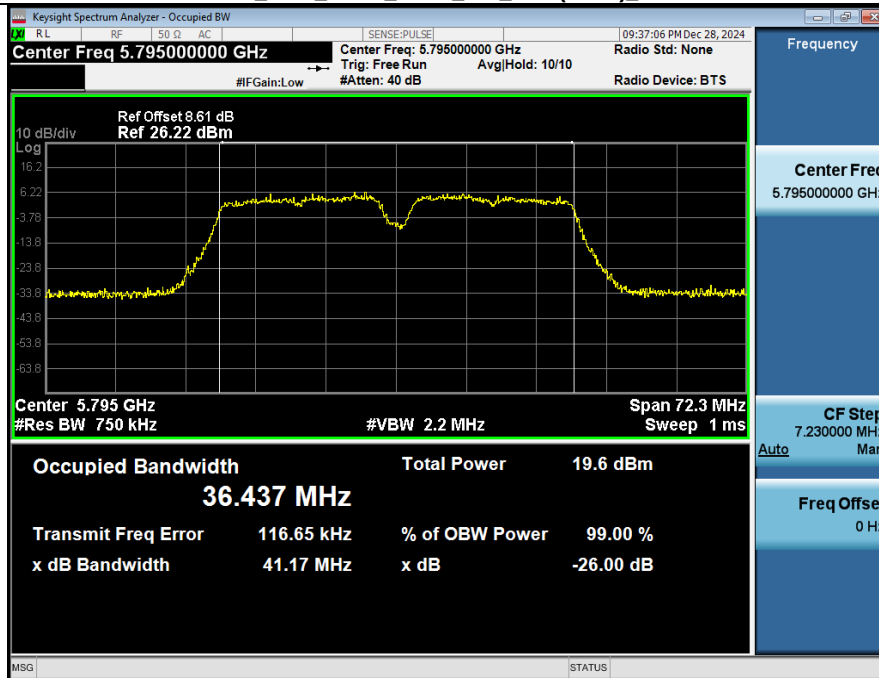
99% OCB_NVNT_ANT2_802_11ax(HE40)_5755



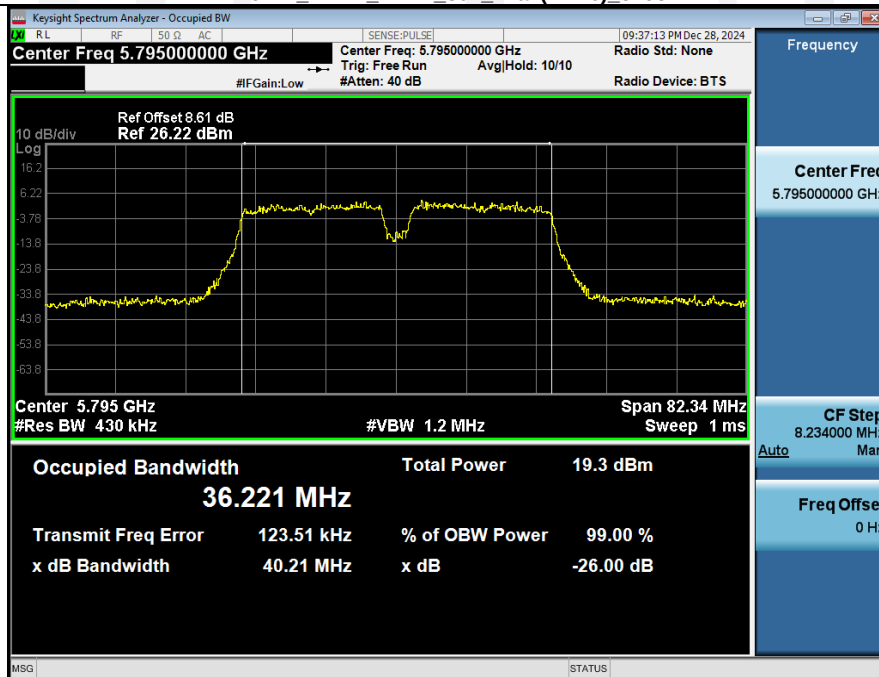
-26BW_NVNT_ANT2_802_11ax(HE40)_5755

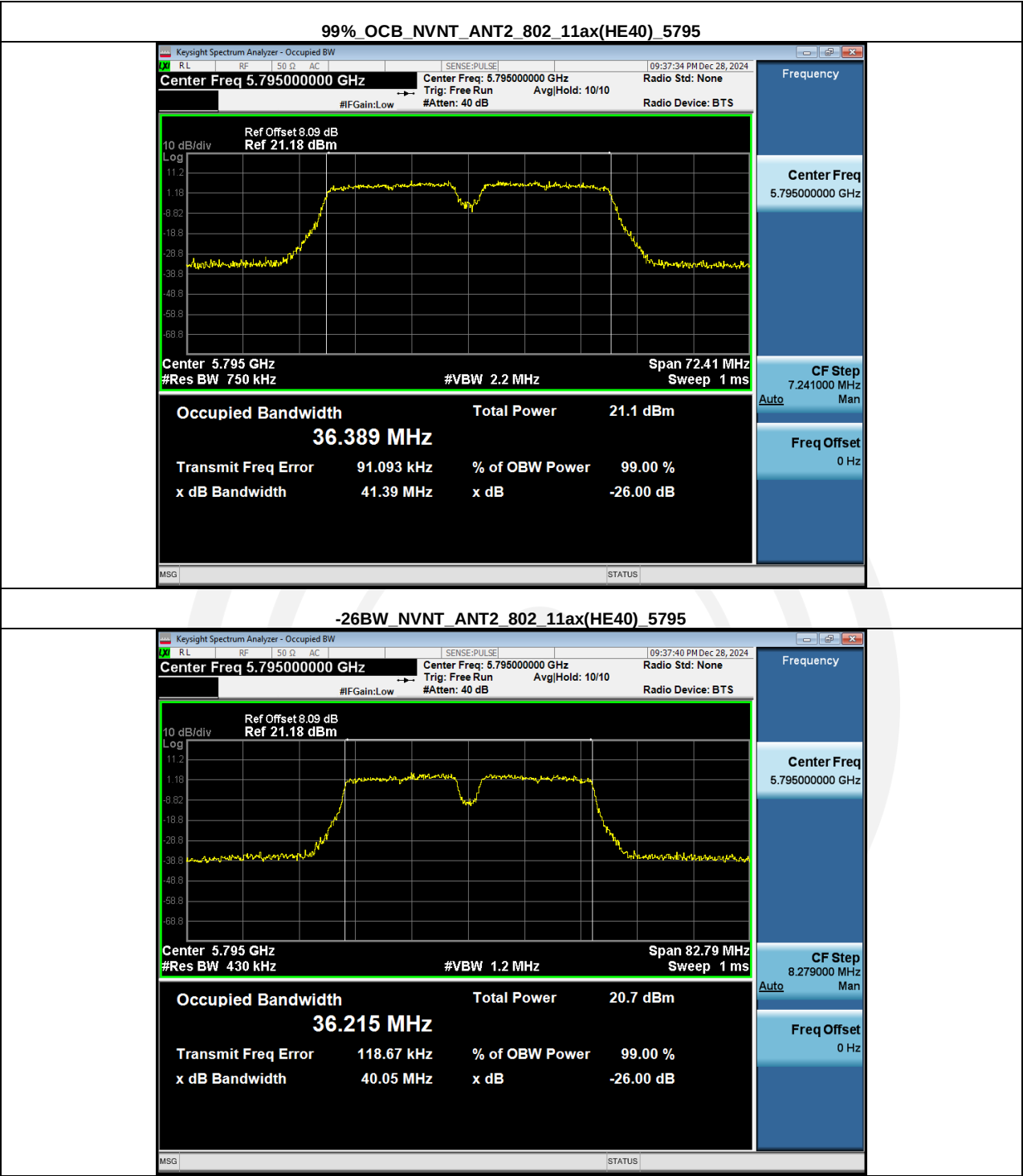


99% OCB NVNT ANT1_802_11ax(HE40)_5795

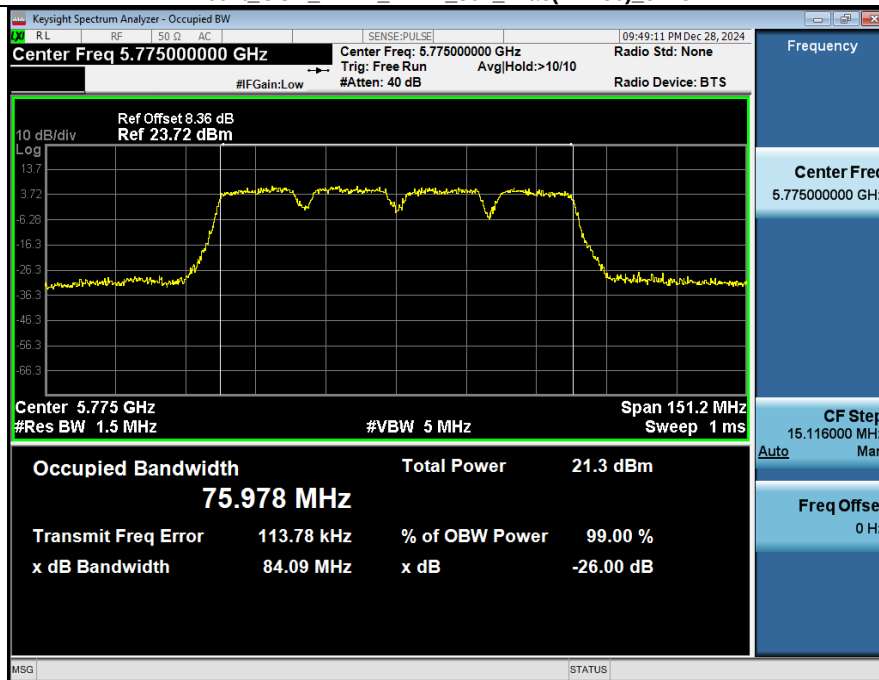


-26BW NVNT ANT1_802_11ax(HE40)_5795

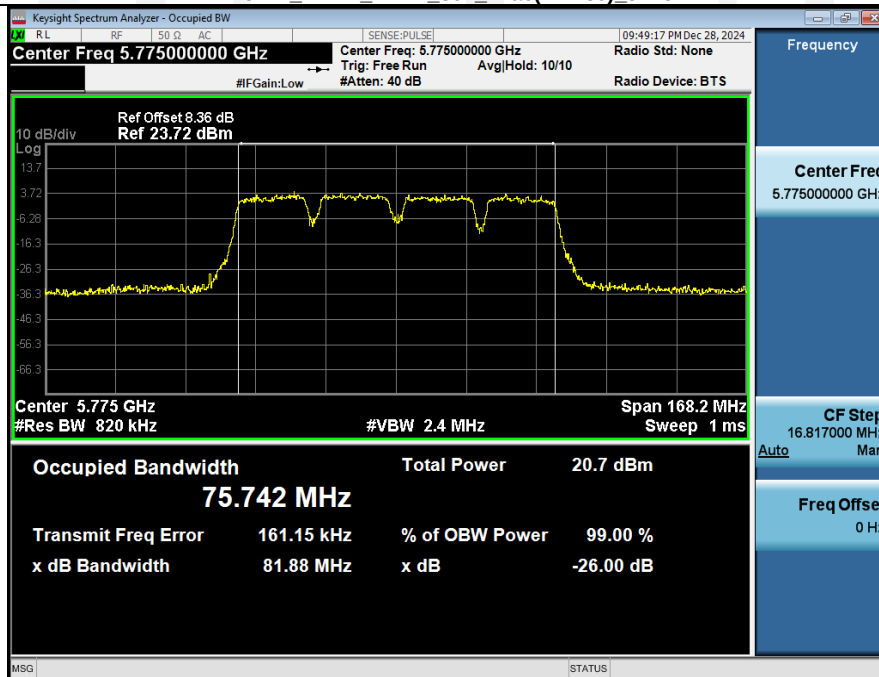


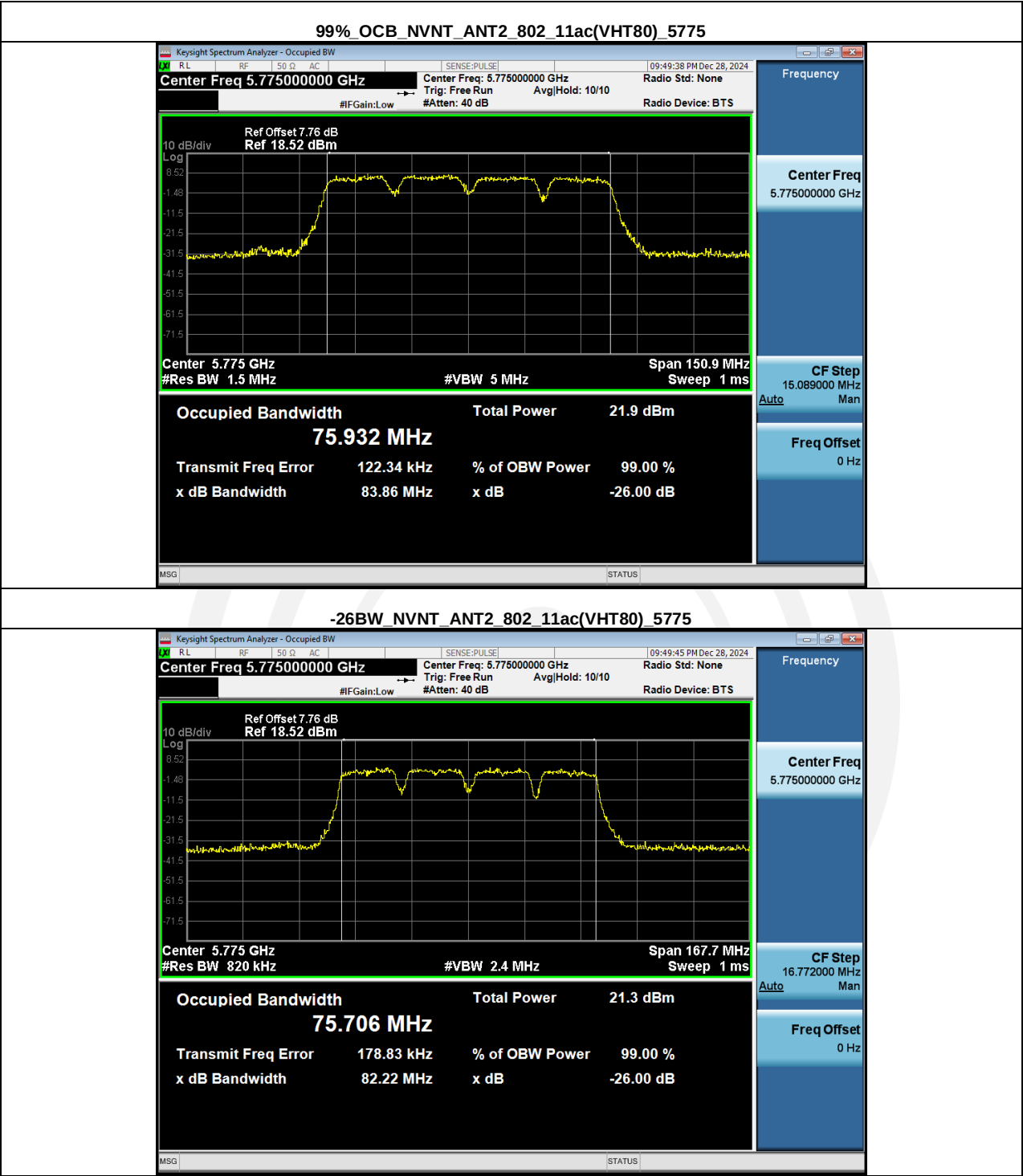


99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775

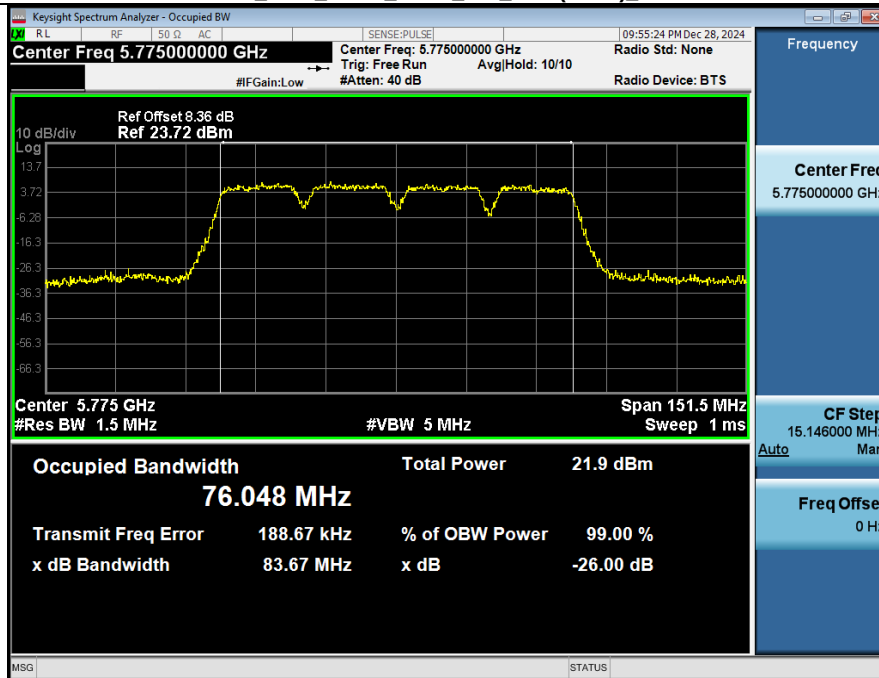


-26BW_NVNT_ANT1_802_11ac(VHT80)_5775

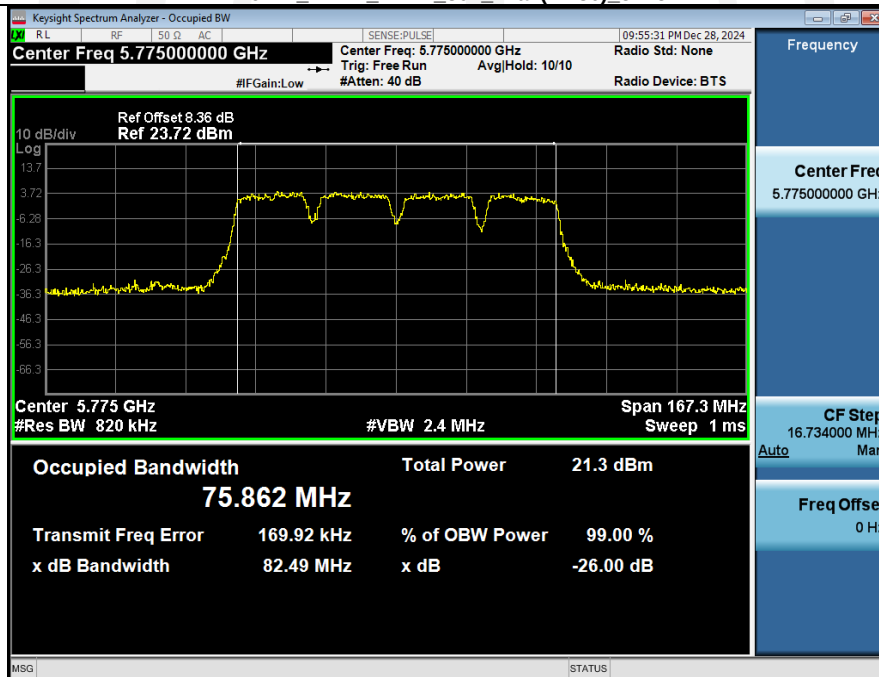




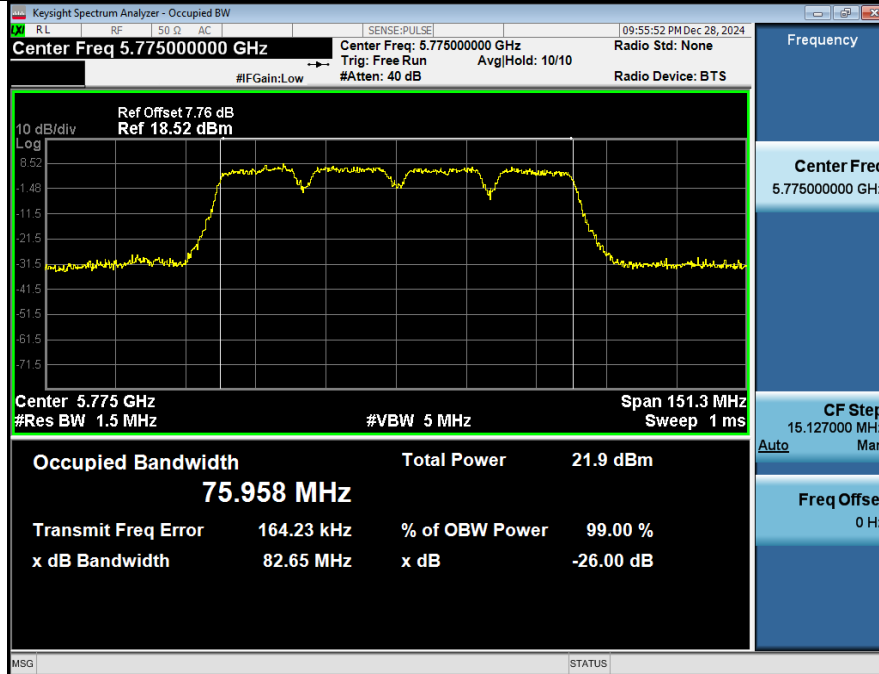
99% OCB NVNT_ANT1_802_11ax(HE80)_5775



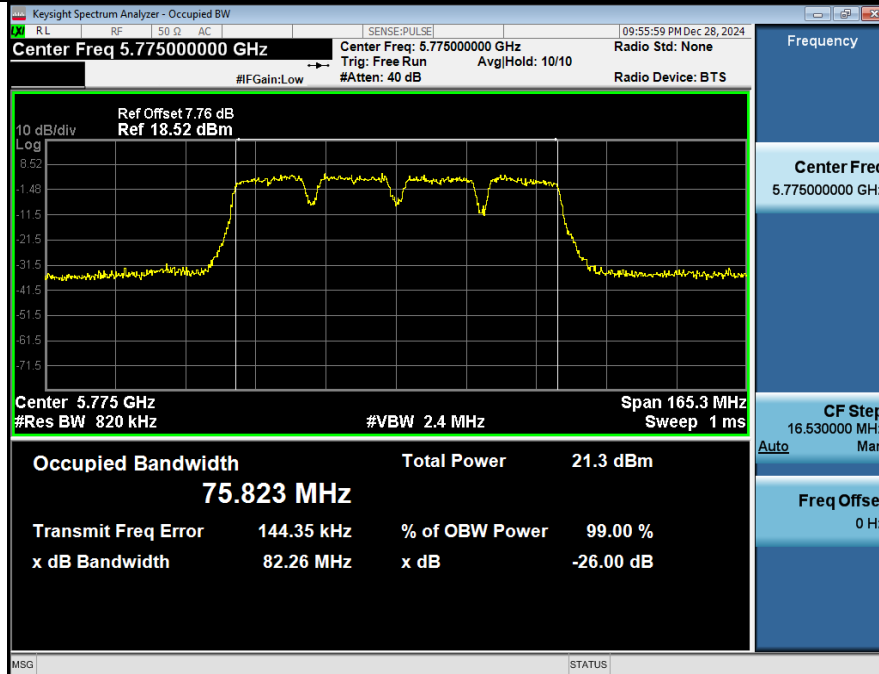
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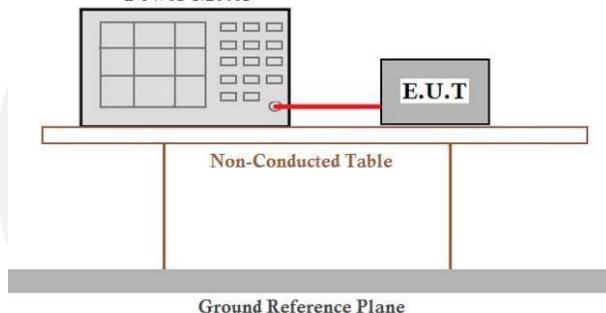
99% OCB_NVNT_ANT2_802_11ax(HE80)_5775



-26BW_NVNT_ANT2_802_11ax(HE80)_5775



4.4 Maximum conducted output power

Test Requirement:	FCC Part15 E Section 15.407, RSS-247 §6.2																		
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01																		
Limit:	For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 250mW. For the band 5.725-5.85GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 1W. IC: <table><thead><tr><th>Section.</th><th>Test Item.</th><th>Limit.</th><th>FrequencyRange. (MHz).</th><th>Result.</th></tr></thead><tbody><tr><td>6.2.1.1.</td><td rowspan="4">Peak Output Power.</td><td>200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.</td><td>5150-5250.</td><td rowspan="4">PASS.</td></tr><tr><td>6.2.2.1.</td><td rowspan="2">The lesser of 250 mW or $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.</td><td>5250-5350.</td></tr><tr><td>6.2.3.1.</td><td>5470-5725.</td></tr><tr><td>6.2.4.1.</td><td>1 watt.</td><td>5725-5825.</td></tr></tbody></table>	Section.	Test Item.	Limit.	FrequencyRange. (MHz).	Result.	6.2.1.1.	Peak Output Power.	200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.	5150-5250.	PASS.	6.2.2.1.	The lesser of 250 mW or $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.	5250-5350.	6.2.3.1.	5470-5725.	6.2.4.1.	1 watt.	5725-5825.
Section.	Test Item.	Limit.	FrequencyRange. (MHz).	Result.															
6.2.1.1.	Peak Output Power.	200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.	5150-5250.	PASS.															
6.2.2.1.		The lesser of 250 mW or $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.	5250-5350.																
6.2.3.1.			5470-5725.																
6.2.4.1.		1 watt.	5725-5825.																
Test setup:	Power Meter  Non-Conducted Table Ground Reference Plane																		
Test procedure:	Measurement using an RF average power meter (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10\log(1/0.25)$ if the duty cycle is 25 percent).																		
Test Instruments:	Refer to section 3.0 for details																		
Test mode:	Refer to section 2.2 for details																		
Test results:	Pass																		

Measurement Data

Band 1 (5150-5250 MHz)

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	13.87	0.00	13.87	24	Pass
NVNT	ANT2	802.11a	5180.00	15.05	0.00	15.05	24	Pass
NVNT	ANT1	802.11a	5200.00	14.30	0.00	14.30	24	Pass
NVNT	ANT2	802.11a	5200.00	15.60	0.00	15.60	24	Pass
NVNT	ANT1	802.11a	5240.00	13.36	0.00	13.36	24	Pass
NVNT	ANT2	802.11a	5240.00	13.76	0.00	13.76	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	13.14	0.12	13.26	24	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	13.66	0.09	13.75	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	13.40	0.09	13.49	24	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	13.69	0.12	13.81	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	13.42	0.09	13.51	24	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	13.39	0.12	13.51	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	12.84	0.12	12.96	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	13.21	0.09	13.30	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	13.98	0.12	14.10	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	14.02	0.12	14.14	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	13.60	0.12	13.72	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	13.19	0.12	13.31	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	13.29	0.12	13.41	24	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	13.33	0.12	13.45	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	13.43	0.12	13.55	24	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	13.48	0.12	13.60	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	13.46	0.12	13.58	24	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	13.24	0.12	13.36	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	12.59	0.12	12.71	24	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	10.99	0.00	10.99	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	12.80	0.12	12.92	24	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	11.28	0.00	11.28	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	12.28	0.12	12.40	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	11.71	0.00	11.71	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	12.71	0.00	12.71	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	11.59	0.12	11.71	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	12.55	0.12	12.67	24	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	11.40	0.12	11.52	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	12.71	0.12	12.83	24	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	11.28	0.12	11.40	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	12.86	0.12	12.98	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	12.40	0.12	12.52	24	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	12.82	0.12	12.94	24	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	12.46	0.09	12.55	24	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO Conducted Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	16.52	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	16.66	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	16.52	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	16.14	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	17.13	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	16.53	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	16.44	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	16.59	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	16.48	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	14.95	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	15.18	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	15.08	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	15.25	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	15.15	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	15.18	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	15.76	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	15.76	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	97.22	0.12
NVNT	ANT2	802.11a	5180.00	97.22	0.12
NVNT	ANT1	802.11a	5200.00	97.22	0.12
NVNT	ANT2	802.11a	5200.00	97.22	0.12
NVNT	ANT1	802.11a	5240.00	97.22	0.12
NVNT	ANT2	802.11a	5240.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5180.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5180.00	97.92	0.09
NVNT	ANT1	802.11n(HT20)	5200.00	97.92	0.09
NVNT	ANT2	802.11n(HT20)	5200.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5240.00	97.92	0.09
NVNT	ANT2	802.11n(HT20)	5240.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5180.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5180.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT20)	5200.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5200.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5240.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5240.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5180.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5180.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5200.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5200.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5240.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5240.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5190.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5190.00	99.45	0.00
NVNT	ANT1	802.11n(HT40)	5230.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5230.00	99.45	0.00
NVNT	ANT1	802.11ac(VHT40)	5190.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5190.00	99.08	0.00
NVNT	ANT1	802.11ac(VHT40)	5230.00	99.45	0.00
NVNT	ANT2	802.11ac(VHT40)	5230.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5190.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5190.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5230.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5230.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT80)	5210.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT80)	5210.00	97.22	0.12
NVNT	ANT1	802.11ax(HE80)	5210.00	97.22	0.12
NVNT	ANT2	802.11ax(HE80)	5210.00	97.92	0.09

Band 2 (5260-5320 MHz):

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5260.00	14.83	0.12	14.95	24	Pass
NVNT	ANT2	802.11a	5260.00	14.07	0.09	14.16	24	Pass
NVNT	ANT1	802.11a	5300.00	15.14	0.12	15.26	24	Pass
NVNT	ANT2	802.11a	5300.00	14.67	0.00	14.67	24	Pass
NVNT	ANT1	802.11a	5320.00	15.01	0.12	15.13	24	Pass
NVNT	ANT2	802.11a	5320.00	14.12	0.12	14.24	24	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	14.91	0.12	15.03	24	Pass
NVNT	ANT2	802.11n(HT20)	5260.00	12.06	0.12	12.18	24	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	15.09	0.12	15.21	24	Pass
NVNT	ANT2	802.11n(HT20)	5300.00	14.52	0.12	14.64	24	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	14.99	0.09	15.08	24	Pass
NVNT	ANT2	802.11n(HT20)	5320.00	14.58	0.12	14.70	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	15.14	0.12	15.26	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5260.00	14.20	0.12	14.32	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	13.44	0.09	13.53	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5300.00	13.31	0.12	13.43	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	14.91	0.18	15.09	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5320.00	14.40	0.12	14.52	24	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	9.08	0.18	9.26	24	Pass
NVNT	ANT2	802.11n(HT40)	5270.00	11.20	0.09	11.29	24	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	9.05	0.09	9.14	24	Pass
NVNT	ANT2	802.11n(HT40)	5310.00	10.65	0.12	10.77	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	9.07	0.12	9.19	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5270.00	11.03	0.12	11.15	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	9.22	0.12	9.34	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5310.00	11.20	0.12	11.32	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	9.55	0.12	9.67	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5290.00	11.43	0.09	11.52	24	Pass
NVNT	ANT1	802.11ax(HE20)	5260.00	11.87	0.12	11.99	24	Pass
NVNT	ANT2	802.11ax(HE20)	5260.00	9.84	0.12	9.96	24	Pass
NVNT	ANT1	802.11ax(HE20)	5300.00	10.50	0.00	10.50	24	Pass
NVNT	ANT2	802.11ax(HE20)	5300.00	12.42	0.00	12.42	24	Pass
NVNT	ANT1	802.11ax(HE20)	5320.00	10.55	0.12	10.67	24	Pass
NVNT	ANT2	802.11ax(HE20)	5320.00	12.04	0.12	12.16	24	Pass
NVNT	ANT1	802.11ax(HE40)	5270.00	10.45	0.12	10.57	24	Pass
NVNT	ANT2	802.11ax(HE40)	5270.00	10.73	0.09	10.82	24	Pass
NVNT	ANT1	802.11ax(HE40)	5310.00	10.17	0.12	10.29	24	Pass
NVNT	ANT2	802.11ax(HE40)	5310.00	9.86	0.12	9.98	24	Pass
NVNT	ANT1	802.11ax(HE80)	5290.00	9.78	0.12	9.90	24	Pass
NVNT	ANT2	802.11ax(HE80)	5290.00	11.54	0.09	11.63	24	Pass
NVNT	ANT1	802.11ac(VHT160)	5250.00	17.40	0.12	17.52	24	Pass
NVNT	ANT2	802.11ac(VHT160)	5250.00	17.87	0.12	17.99	24	Pass
NVNT	ANT1	802.11ax(HE160)	5250.00	18.06	0.12	18.18	24	Pass
NVNT	ANT2	802.11ax(HE160)	5250.00	17.29	0.12	17.41	24	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO Conducted Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5260.00	16.84	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5300.00	17.94	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5320.00	17.91	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5260.00	17.83	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5300.00	16.49	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5320.00	17.82	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5270.00	13.40	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5310.00	13.04	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5270.00	13.29	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5310.00	13.45	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5290.00	13.70	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5260.00	14.10	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5300.00	14.58	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5320.00	14.49	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5270.00	13.71	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5310.00	13.15	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5290.00	13.86	30	Pass
NVNT	MIMO_TX	802.11ac(VHT160)	5250.00	20.77	30	Pass
NVNT	MIMO_TX	802.11ax(HE160)	5250.00	20.82	30	Pass

Condition	Antenna	Modulation	Frequency(MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5260.00	97.22	0.12
NVNT	ANT2	802.11a	5260.00	97.92	0.09
NVNT	ANT1	802.11a	5300.00	97.22	0.12
NVNT	ANT2	802.11a	5300.00	100	0.00
NVNT	ANT1	802.11a	5320.00	97.22	0.12
NVNT	ANT2	802.11a	5320.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5260.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5260.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5300.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5300.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5320.00	97.92	0.09
NVNT	ANT2	802.11n(HT20)	5320.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5260.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5260.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5300.00	97.92	0.09
NVNT	ANT2	802.11ac(VHT20)	5300.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5320.00	95.89	0.18
NVNT	ANT2	802.11ac(VHT20)	5320.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5270.00	95.89	0.18
NVNT	ANT2	802.11n(HT40)	5270.00	97.92	0.09
NVNT	ANT1	802.11n(HT40)	5310.00	97.92	0.09
NVNT	ANT2	802.11n(HT40)	5310.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5270.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5270.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5310.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5310.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT80)	5290.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT80)	5290.00	97.92	0.09
NVNT	ANT1	802.11ax(HE20)	5260.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5260.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5300.00	98.60	0.00
NVNT	ANT2	802.11ax(HE20)	5300.00	98.60	0.00
NVNT	ANT1	802.11ax(HE20)	5320.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5320.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5270.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5270.00	97.92	0.09
NVNT	ANT1	802.11ax(HE40)	5310.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5310.00	97.22	0.12
NVNT	ANT1	802.11ax(HE80)	5290.00	97.22	0.12
NVNT	ANT2	802.11ax(HE80)	5290.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT160)	5250.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT160)	5250.00	97.22	0.12
NVNT	ANT1	802.11ax(HE160)	5250.00	97.22	0.12
NVNT	ANT2	802.11ax(HE160)	5250.00	97.22	0.12

Band 3 (5500-5570 MHz):

Condition	Antenna	Modulation	Frequency(MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5500	13.52	0.12	13.64	24	Pass
NVNT	ANT2	802.11a	5500	13.84	0.00	13.84	24	Pass
NVNT	ANT1	802.11a	5600	12.08	0.12	12.20	24	Pass
NVNT	ANT2	802.11a	5600	11.98	0.12	12.10	24	Pass
NVNT	ANT1	802.11a	5700.00	11.54	0.12	11.66	24	Pass
NVNT	ANT2	802.11a	5700.00	13.43	0.09	13.52	24	Pass
NVNT	ANT1	802.11n(HT20)	5500	13.52	0.12	13.64	24	Pass
NVNT	ANT2	802.11n(HT20)	5500	13.53	0.12	13.65	24	Pass
NVNT	ANT1	802.11n(HT20)	5600	12.37	0.12	12.49	24	Pass
NVNT	ANT2	802.11n(HT20)	5600	13.68	0.12	13.80	24	Pass
NVNT	ANT1	802.11n(HT20)	5700.00	11.78	0.12	11.90	24	Pass
NVNT	ANT2	802.11n(HT20)	5700.00	11.40	0.09	11.49	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5500	13.67	0.09	13.76	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5500	13.78	0.09	13.87	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5600	12.97	0.12	13.09	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5600	11.86	0.12	11.98	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5700.00	11.69	0.12	11.81	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5700.00	11.25	0.09	11.34	24	Pass
NVNT	ANT1	802.11n(HT40)	5510	12.52	0.18	12.70	24	Pass
NVNT	ANT2	802.11n(HT40)	5510	12.29	0.12	12.41	24	Pass
NVNT	ANT1	802.11n(HT40)	5590	10.87	0.12	10.99	24	Pass
NVNT	ANT2	802.11n(HT40)	5590	10.44	0.12	10.56	24	Pass
NVNT	ANT1	802.11n(HT40)	5670	12.48	0.12	12.60	24	Pass
NVNT	ANT2	802.11n(HT40)	5670	12.79	0.12	12.91	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5510	11.81	0.12	11.93	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5510	11.58	0.09	11.67	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5590	12.24	0.12	12.36	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5590	13.36	0.12	13.48	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5670	14.66	0.12	14.78	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5670	12.42	0.12	12.54	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5530	15.56	0.12	15.68	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5530	14.98	0.09	15.07	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5610	15.83	0.12	15.95	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5610	14.71	0.09	14.80	24	Pass
NVNT	ANT1	802.11ax(HE20)	5500.00	14.36	0.12	14.48	24	Pass
NVNT	ANT2	802.11ax(HE20)	5500.00	14.31	0.12	14.43	24	Pass
NVNT	ANT1	802.11ax(HE20)	5600.00	13.77	0.12	13.89	24	Pass
NVNT	ANT2	802.11ax(HE20)	5600.00	13.05	0.00	13.05	24	Pass
NVNT	ANT1	802.11ax(HE20)	5700.00	13.79	0.12	13.91	24	Pass
NVNT	ANT2	802.11ax(HE20)	5700.00	13.79	0.12	13.91	24	Pass
NVNT	ANT1	802.11ax(HE40)	5510.00	13.08	0.12	13.20	24	Pass
NVNT	ANT2	802.11ax(HE40)	5510.00	12.92	0.12	13.04	24	Pass
NVNT	ANT1	802.11ax(HE40)	5590.00	12.82	0.12	12.94	24	Pass
NVNT	ANT2	802.11ax(HE40)	5590.00	12.23	0.12	12.35	24	Pass
NVNT	ANT1	802.11ax(HE40)	5670.00	14.30	0.09	14.39	24	Pass
NVNT	ANT2	802.11ax(HE40)	5670.00	13.92	0.18	14.10	24	Pass
NVNT	ANT1	802.11ax(HE80)	5530.00	15.31	0.12	15.43	24	Pass
NVNT	ANT2	802.11ax(HE80)	5530.00	13.73	0.09	13.82	24	Pass
NVNT	ANT1	802.11ax(HE80)	5610.00	15.86	0.09	15.95	24	Pass
NVNT	ANT2	802.11ax(HE80)	5610.00	15.29	0.09	15.38	24	Pass
NVNT	ANT1	802.11ac(VHT160)	5570.00	15.99	0.12	16.11	24	Pass
NVNT	ANT2	802.11ac(VHT160)	5570.00	14.84	0.09	14.93	24	Pass
NVNT	ANT1	802.11ax(HE160)	5570.00	15.85	0.12	15.97	24	Pass
NVNT	ANT2	802.11ax(HE160)	5570.00	14.82	0.12	14.94	24	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5500	16.65	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5600	16.20	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5700.00	14.71	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5500	16.82	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5600	15.58	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5700.00	14.59	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5510	15.57	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5590	13.79	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5670	15.77	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5510	14.81	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5590	15.96	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5670	16.82	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5530	18.39	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5610	18.42	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5500.00	17.46	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5600.00	16.50	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5700.00	16.92	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5510.00	16.13	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5590.00	15.67	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5670.00	17.26	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5530.00	17.71	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5610.00	18.69	30	Pass
NVNT	MIMO_TX	802.11ac(VHT160)	5570.00	18.57	30	Pass
NVNT	MIMO_TX	802.11ax(HE160)	5570.00	18.50	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5500.00	97.22	0.12
NVNT	ANT2	802.11a	5500.00	98.60	0.00
NVNT	ANT1	802.11a	5600.00	97.22	0.12
NVNT	ANT2	802.11a	5600.00	97.22	0.12
NVNT	ANT1	802.11a	5700.00	97.22	0.12
NVNT	ANT2	802.11a	5700.00	97.92	0.09
NVNT	ANT1	802.11n(HT20)	5500.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5500.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5600.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5600.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5700.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5700.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT20)	5500.00	97.92	0.09
NVNT	ANT2	802.11ac(VHT20)	5500.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT20)	5600.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5600.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5700.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5700.00	97.92	0.09
NVNT	ANT1	802.11n(HT40)	5510.00	95.89	0.18
NVNT	ANT2	802.11n(HT40)	5510.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5590.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5590.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5670.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5670.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5510.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5510.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT40)	5590.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5590.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5670.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5670.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT80)	5530.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT80)	5530.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT80)	5610.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT80)	5610.00	97.92	0.09
NVNT	ANT1	802.11ax(HE20)	5500.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5500.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5600.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5600.00	98.60	0.00
NVNT	ANT1	802.11ax(HE20)	5700.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5700.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5510.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5510.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5590.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5590.00	97.22	0.12
NVNT	ANT1	802.11ax(HE40)	5670.00	97.92	0.09
NVNT	ANT2	802.11ax(HE40)	5670.00	95.89	0.18
NVNT	ANT1	802.11ax(HE80)	5530.00	97.22	0.12
NVNT	ANT2	802.11ax(HE80)	5530.00	97.92	0.09
NVNT	ANT1	802.11ax(HE80)	5610.00	97.92	0.09
NVNT	ANT2	802.11ax(HE80)	5610.00	97.92	0.09
NVNT	ANT1	802.11ac(VHT160)	5570.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT160)	5570.00	97.92	0.09
NVNT	ANT1	802.11ax(HE160)	5570.00	97.22	0.12
NVNT	ANT2	802.11ax(HE160)	5570.00	97.22	0.12

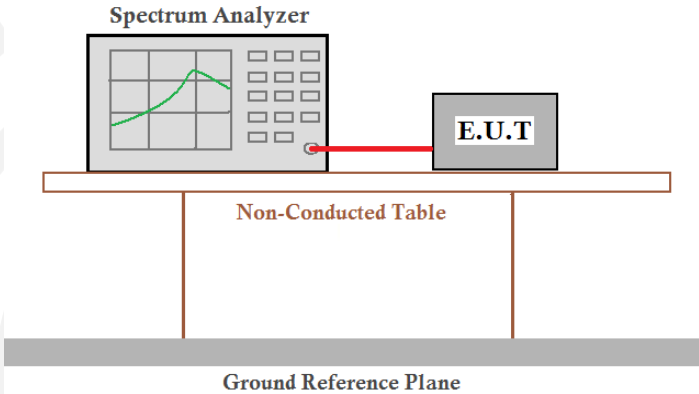
Band 4 (5725 – 5850 MHz)

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	11.69	0.09	11.78	30	Pass
NVNT	ANT2	802.11a	5745.00	11.45	0.09	11.54	30	Pass
NVNT	ANT1	802.11a	5785.00	11.62	0.12	11.74	30	Pass
NVNT	ANT2	802.11a	5785.00	12.19	0.12	12.31	30	Pass
NVNT	ANT1	802.11a	5825.00	11.44	0.12	11.56	30	Pass
NVNT	ANT2	802.11a	5825.00	10.64	0.12	10.76	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	12.38	0.12	12.50	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	12.03	0.12	12.15	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	11.40	0.12	11.52	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	11.50	0.09	11.59	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	11.48	0.12	11.60	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	10.64	0.12	10.76	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	12.51	0.12	12.63	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	12.14	0.12	12.26	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	11.47	0.12	11.59	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	11.71	0.12	11.83	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	11.42	0.12	11.54	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	11.17	0.09	11.26	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	12.45	0.12	12.57	30	Pass
NVNT	ANT2	802.11ax(HE20)	5745.00	12.07	0.12	12.19	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	11.59	0.12	11.71	30	Pass
NVNT	ANT2	802.11ax(HE20)	5785.00	12.03	0.12	12.15	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	10.98	0.12	11.10	30	Pass
NVNT	ANT2	802.11ax(HE20)	5825.00	10.70	0.12	10.82	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	12.47	0.12	12.59	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	10.68	0.12	10.80	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	11.87	0.12	11.99	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	9.64	0.12	9.76	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	12.19	0.00	12.19	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	13.75	0.12	13.87	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	12.22	0.12	12.34	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	13.48	0.00	13.48	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	12.38	0.12	12.50	30	Pass
NVNT	ANT2	802.11ax(HE40)	5755.00	13.64	0.00	13.64	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	12.14	0.12	12.26	30	Pass
NVNT	ANT2	802.11ax(HE40)	5795.00	13.44	0.00	13.44	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	13.07	0.00	13.07	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	13.37	0.00	13.37	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	12.89	0.12	13.01	30	Pass
NVNT	ANT2	802.11ax(HE80)	5775.00	13.29	0.12	13.41	30	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5745.00	15.34	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5785.00	14.57	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5825.00	14.21	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	15.46	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	14.72	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	14.41	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5745.00	15.39	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5785.00	14.95	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5825.00	13.97	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5755.00	14.80	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5795.00	14.03	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	16.12	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	15.95	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5755.00	16.12	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5795.00	15.90	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	16.23	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5775.00	16.23	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	97.92	0.09
NVNT	ANT2	802.11a	5745.00	97.92	0.09
NVNT	ANT1	802.11a	5785.00	97.22	0.12
NVNT	ANT2	802.11a	5785.00	97.22	0.12
NVNT	ANT1	802.11a	5825.00	97.22	0.12
NVNT	ANT2	802.11a	5825.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5745.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5745.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5785.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5785.00	97.92	0.09
NVNT	ANT1	802.11n(HT20)	5825.00	97.22	0.12
NVNT	ANT2	802.11n(HT20)	5825.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5745.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5745.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5785.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5785.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT20)	5825.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT20)	5825.00	97.92	0.09
NVNT	ANT1	802.11ax(HE20)	5745.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5745.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5785.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5785.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	5825.00	97.22	0.12
NVNT	ANT2	802.11ax(HE20)	5825.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5755.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5755.00	97.22	0.12
NVNT	ANT1	802.11n(HT40)	5795.00	97.22	0.12
NVNT	ANT2	802.11n(HT40)	5795.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5755.00	99.45	0.00
NVNT	ANT2	802.11ac(VHT40)	5755.00	97.22	0.12
NVNT	ANT1	802.11ac(VHT40)	5795.00	97.22	0.12
NVNT	ANT2	802.11ac(VHT40)	5795.00	99.45	0.00
NVNT	ANT1	802.11ax(HE40)	5755.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5755.00	99.54	0.00
NVNT	ANT1	802.11ax(HE40)	5795.00	97.22	0.12
NVNT	ANT2	802.11ax(HE40)	5795.00	100	0.00
NVNT	ANT1	802.11ac(VHT80)	5775.00	100	0.00
NVNT	ANT2	802.11ac(VHT80)	5775.00	100	0.00
NVNT	ANT1	802.11ax(HE80)	5775.00	97.22	0.12
NVNT	ANT2	802.11ax(HE80)	5775.00	97.22	0.12

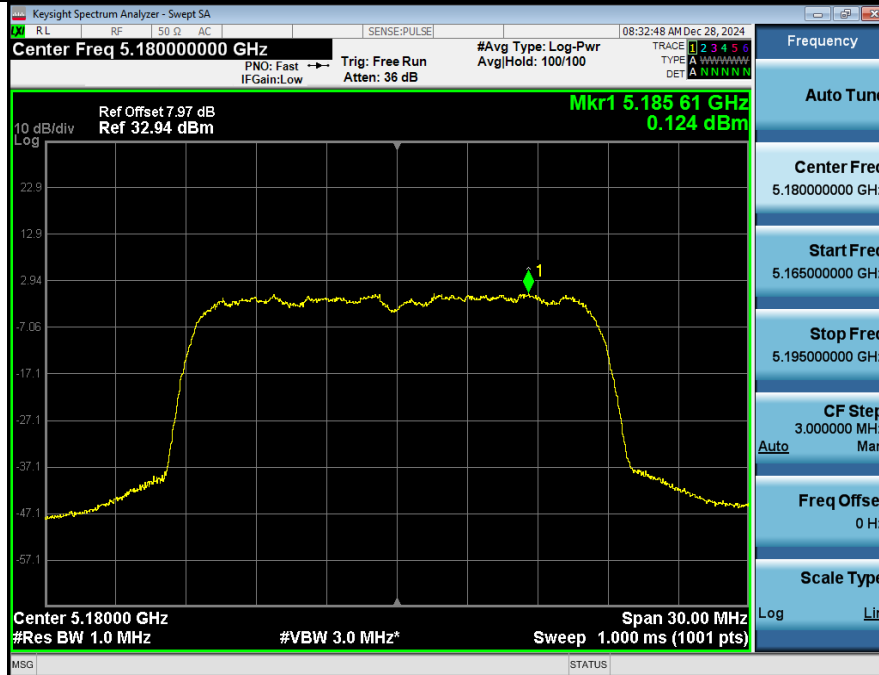
4.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407, RSS-247 §6.2
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	FCC: $1. \leq 11.00 \text{ dBm/MHz}$ for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz $2. \leq 30.00 \text{ dBm/500KHz}$ for 5725MHz-5850MHz IC: 1. For the 5.15-5.25 GHz, The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band. 2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...". 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

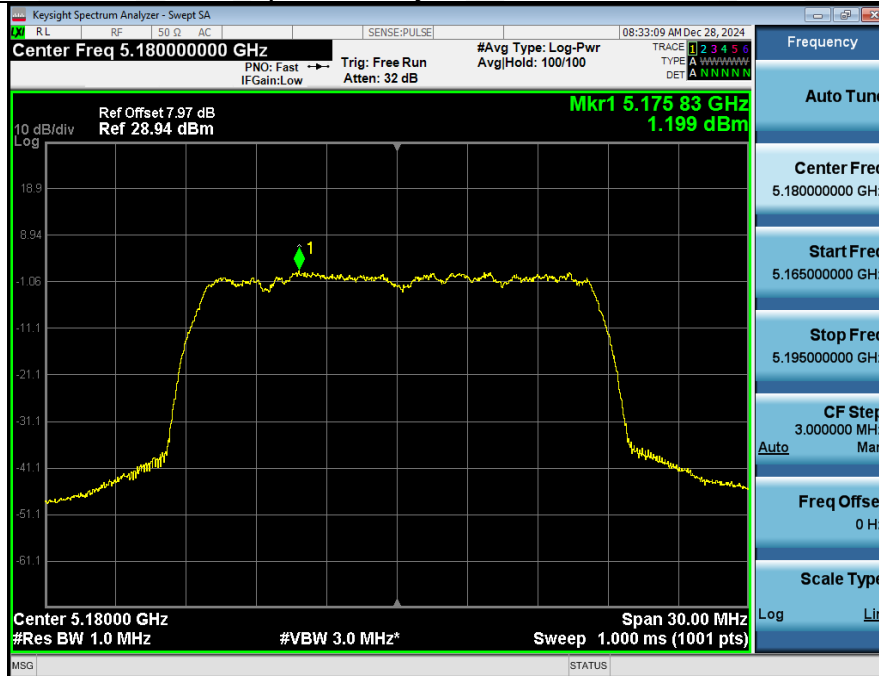
Measurement Data**Band 1 (5150-5250 MHz)**

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	0.12	0.00	0.12	11	Pass
NVNT	ANT2	802.11a	5180.00	1.20	0.00	1.20	11	Pass
NVNT	ANT1	802.11a	5200.00	0.85	0.00	0.85	11	Pass
NVNT	ANT2	802.11a	5200.00	1.89	0.00	1.89	11	Pass
NVNT	ANT1	802.11a	5240.00	-0.28	0.00	-0.28	11	Pass
NVNT	ANT2	802.11a	5240.00	0.18	0.00	0.18	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-1.04	0.12	-0.92	11	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	-1.84	0.09	-1.75	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-0.24	0.09	-0.15	11	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	-0.14	0.12	-0.02	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-0.91	0.09	-0.82	11	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	-0.40	0.12	-0.28	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-0.86	0.12	-0.74	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	-0.25	0.09	-0.16	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	0.45	0.12	0.57	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	0.42	0.12	0.54	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-0.77	0.12	-0.65	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	-0.23	0.12	-0.11	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-0.24	0.12	-0.12	11	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	-0.05	0.12	0.07	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-1.30	0.12	-1.19	11	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	0.16	0.12	0.28	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-0.90	0.12	-0.78	11	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	-0.65	0.12	-0.53	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-3.76	0.12	-3.64	11	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	-4.84	0.00	-4.84	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-3.85	0.12	-3.73	11	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	-4.91	0.00	-4.91	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-5.09	0.12	-4.97	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	-4.91	0.00	-4.91	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-3.69	0.00	-3.69	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	-4.41	0.12	-4.29	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-3.57	0.12	-3.45	11	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	-4.72	0.12	-4.60	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-4.52	0.12	-4.40	11	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	-4.85	0.12	-4.73	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-6.53	0.12	-6.41	11	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	-7.41	0.12	-7.29	11	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	-6.24	0.12	-6.12	11	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	-7.88	0.09	-7.79	11	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5180



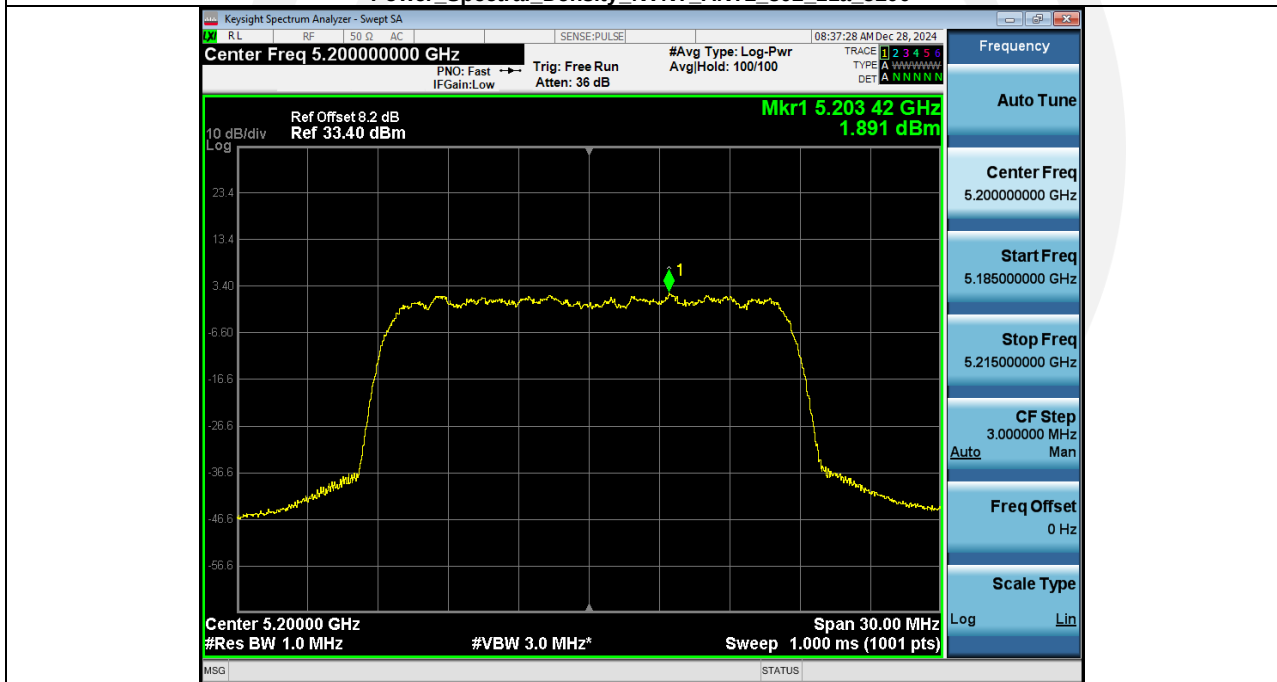
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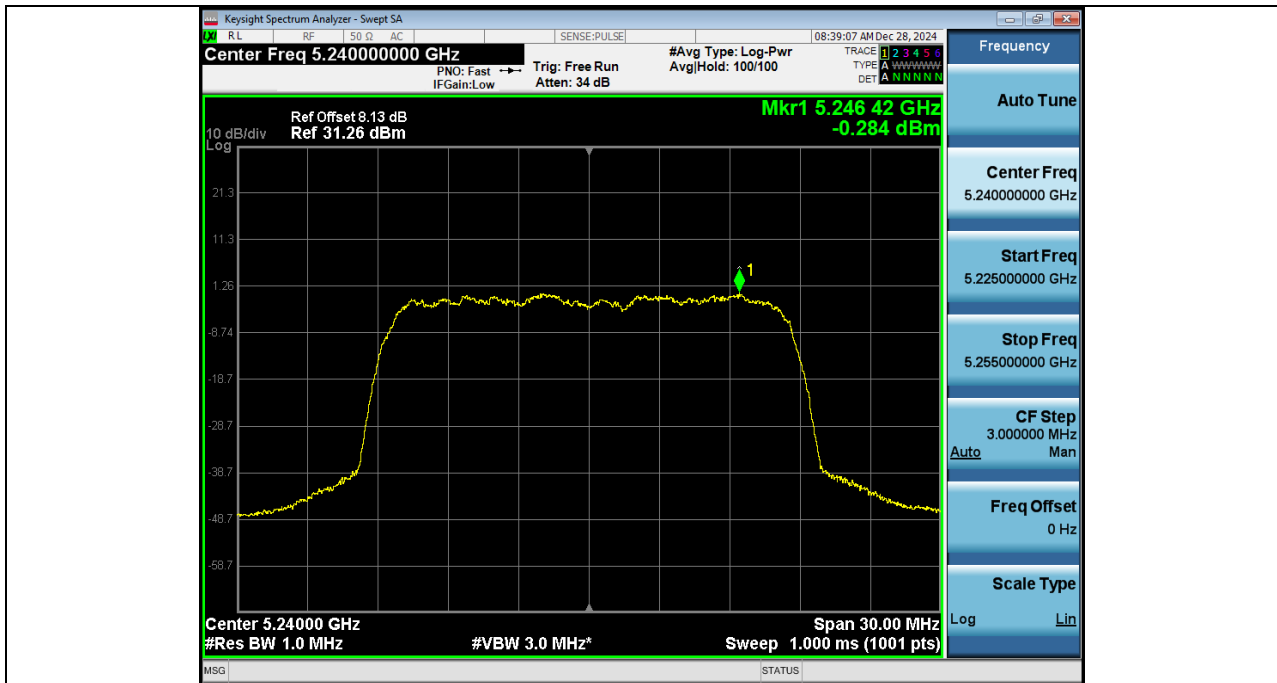
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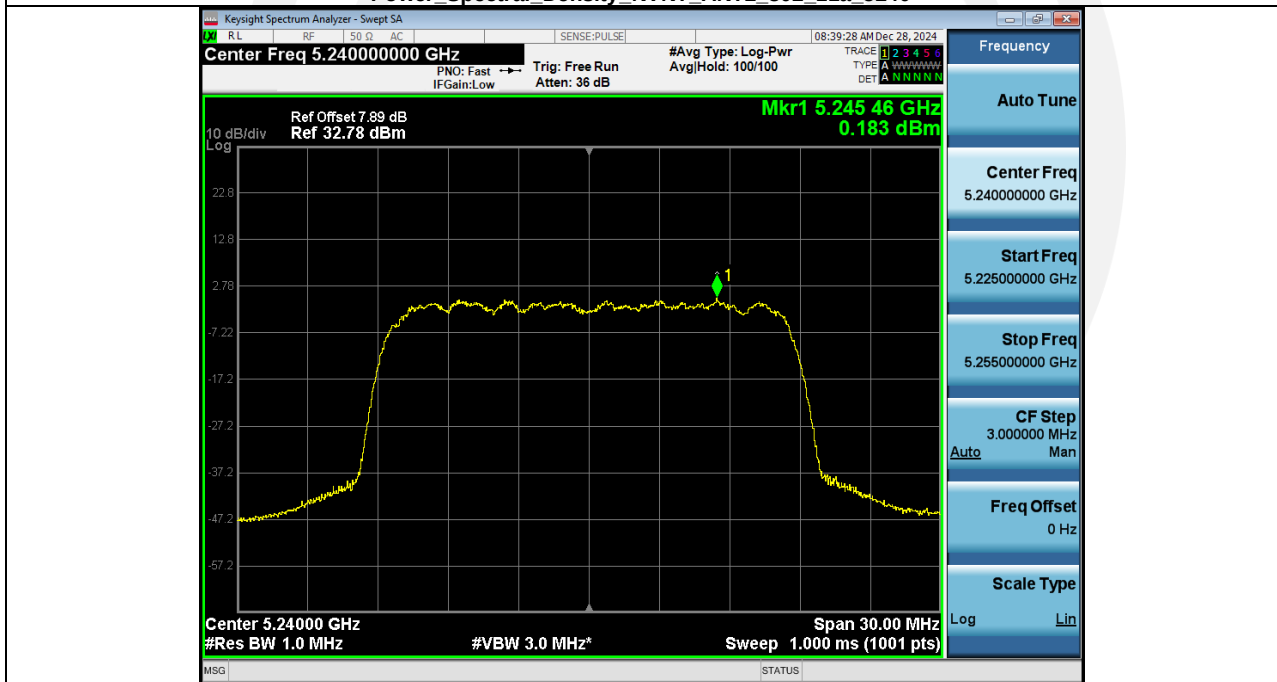
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Power_Spectral_Density_NVNT_ANT1_802_11a_5240



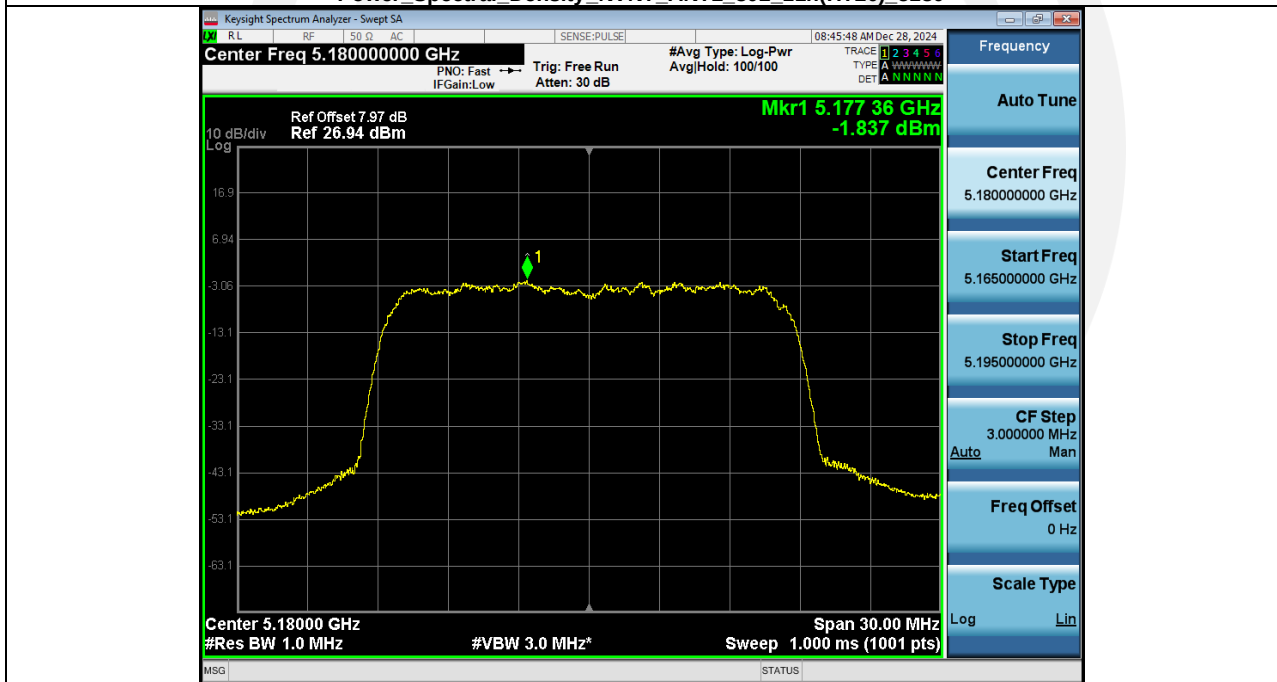
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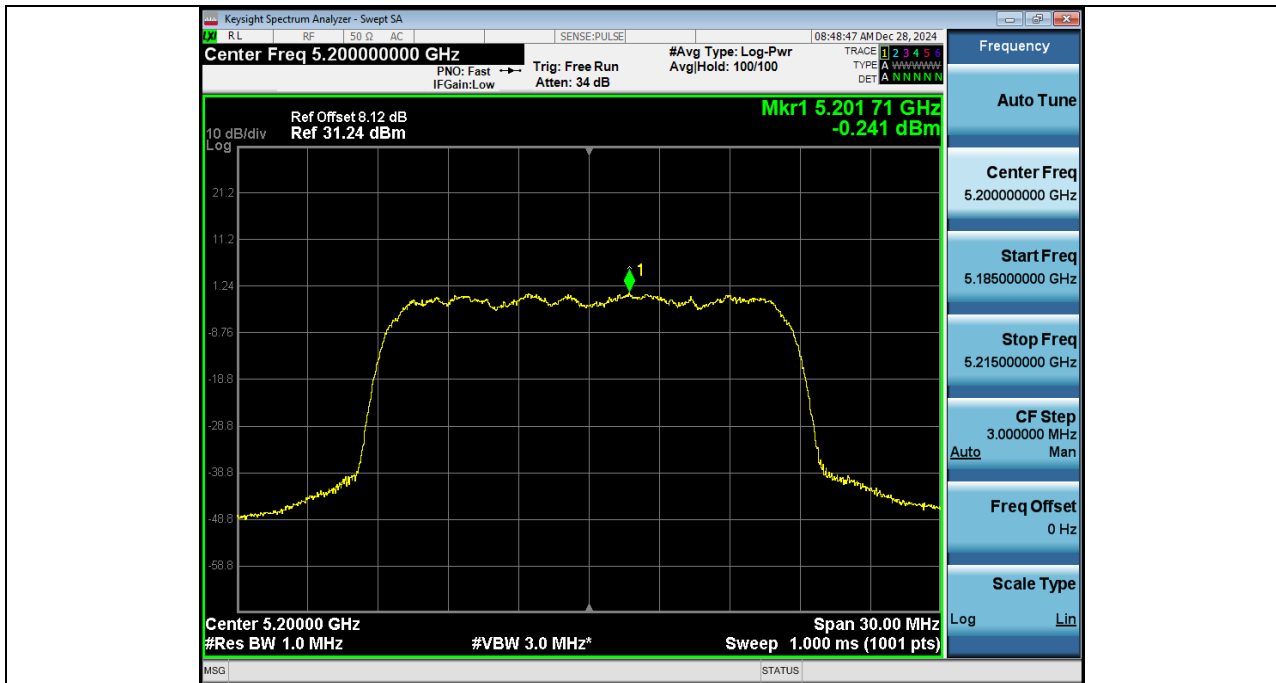
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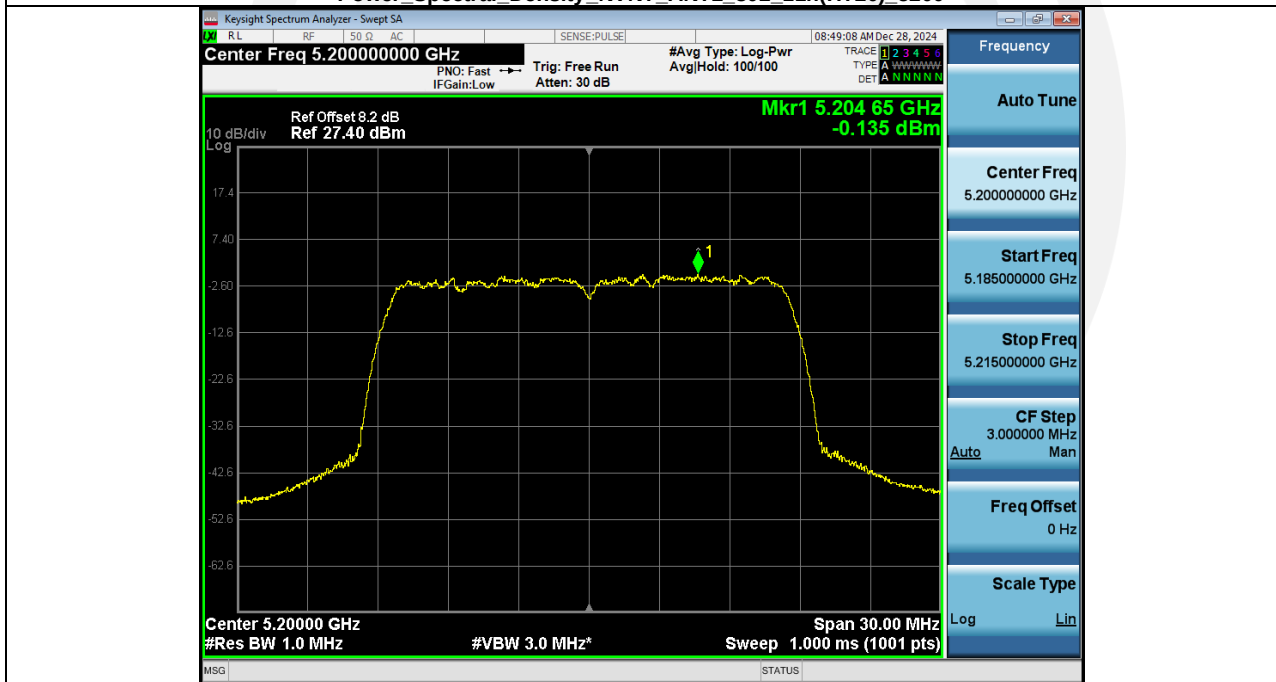
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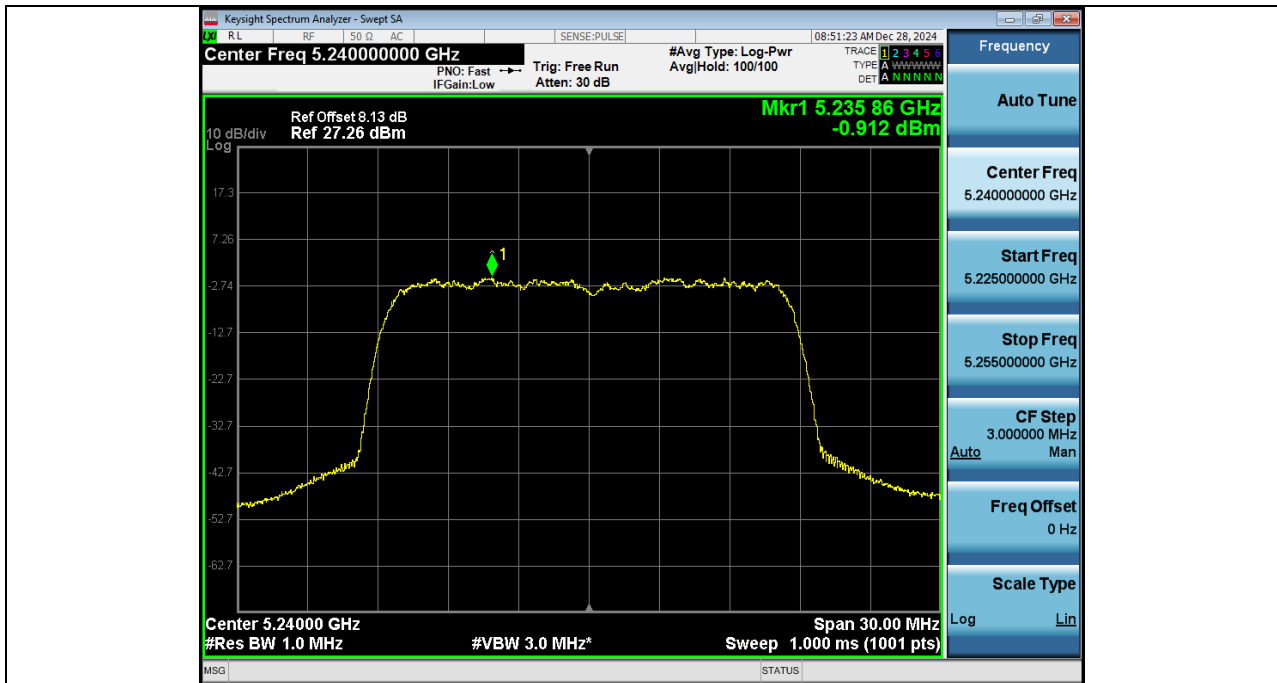
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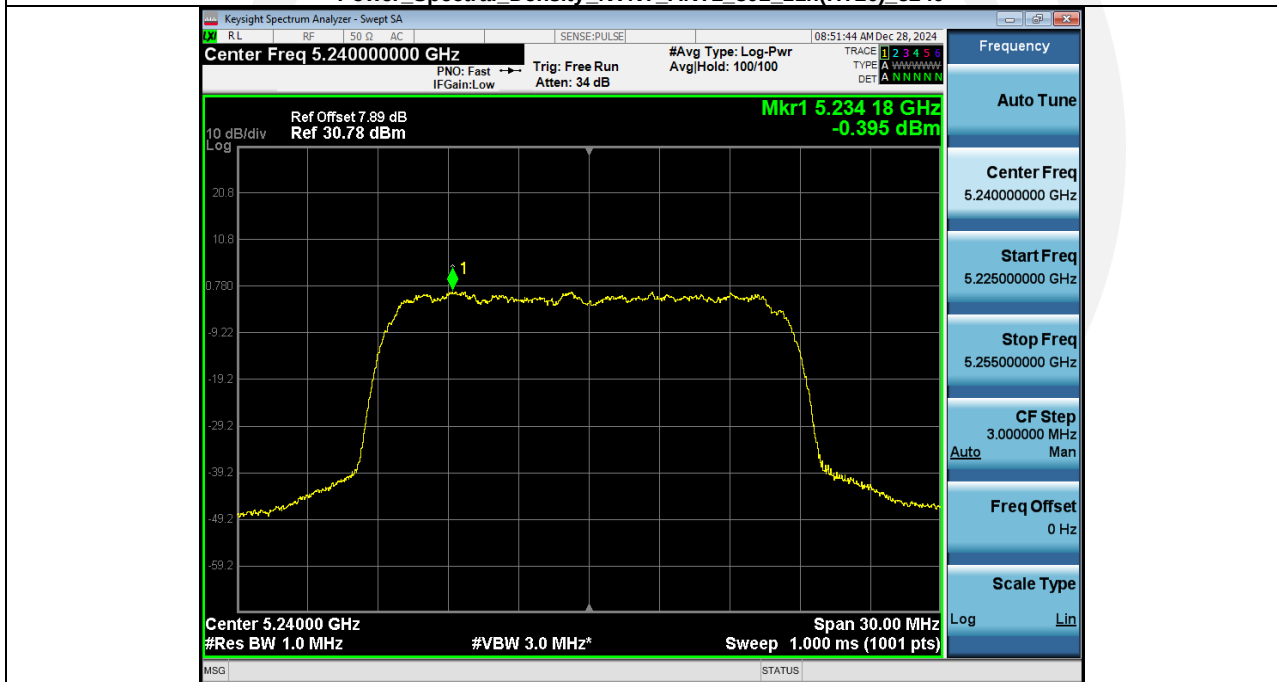
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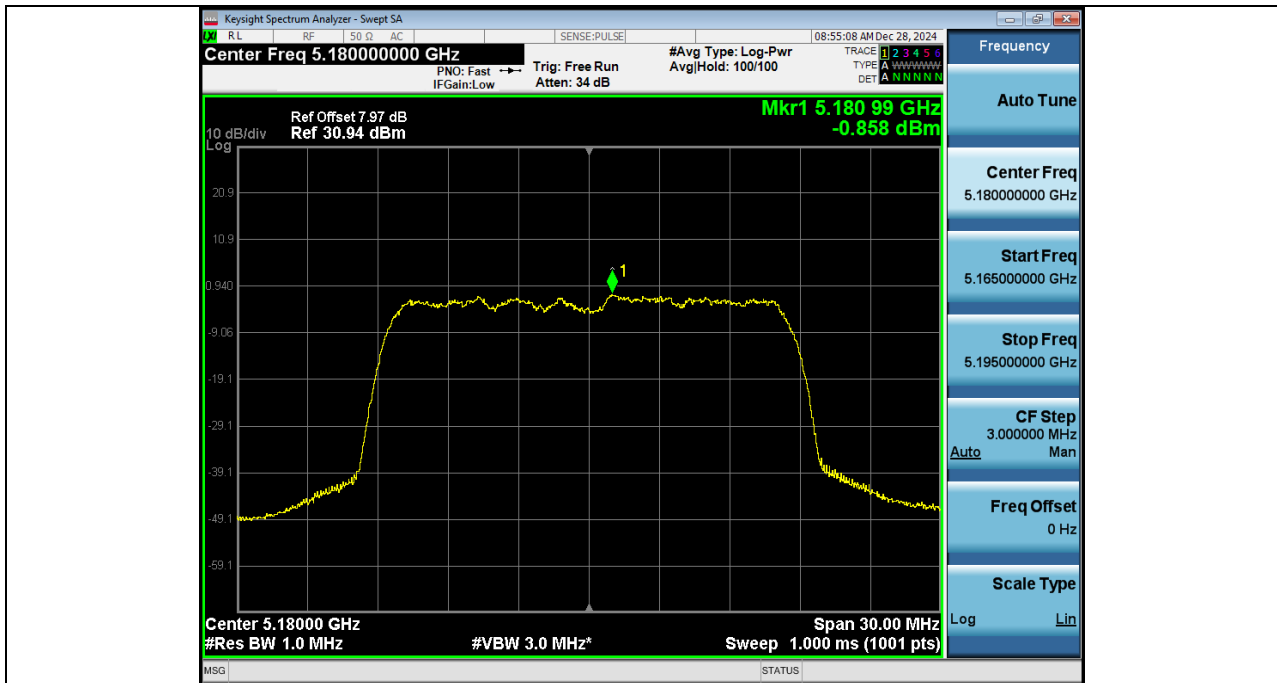
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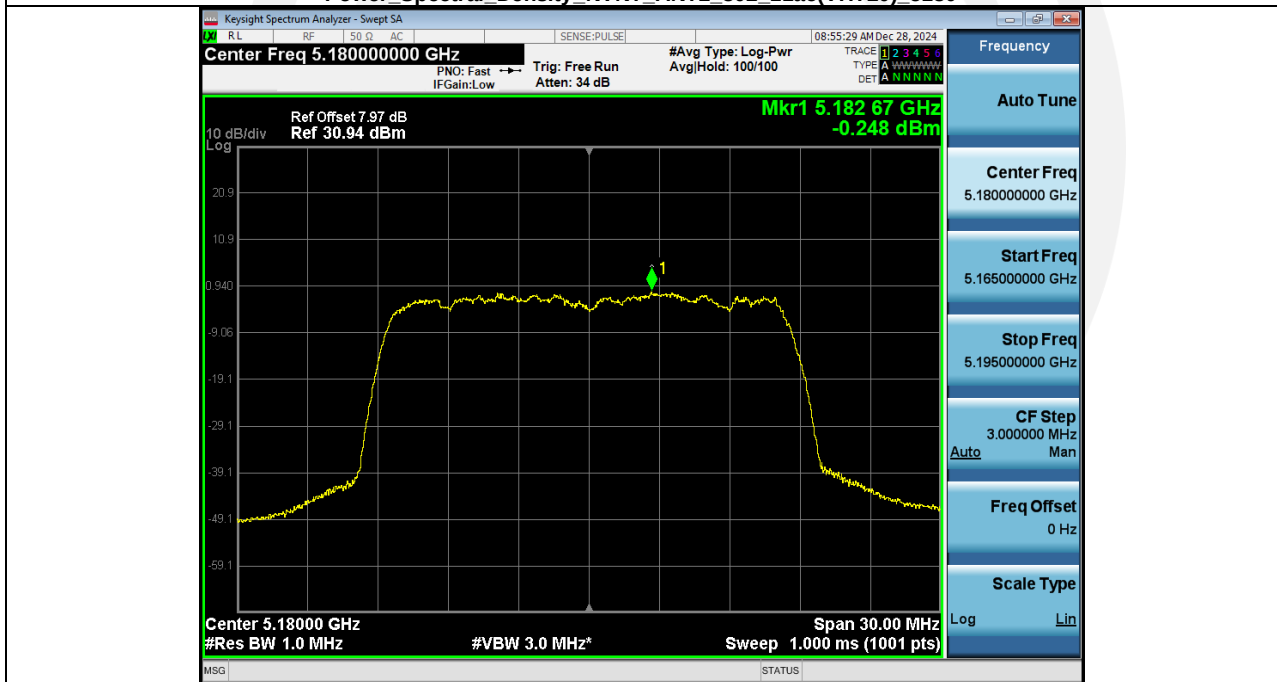
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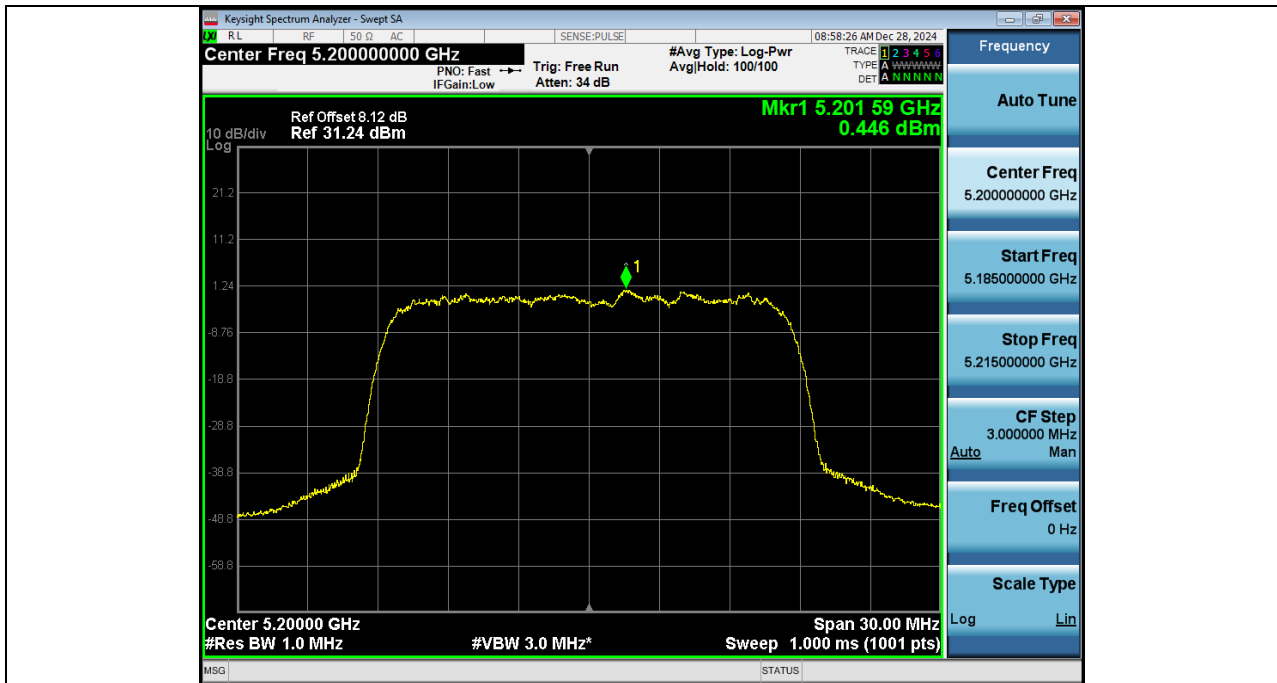
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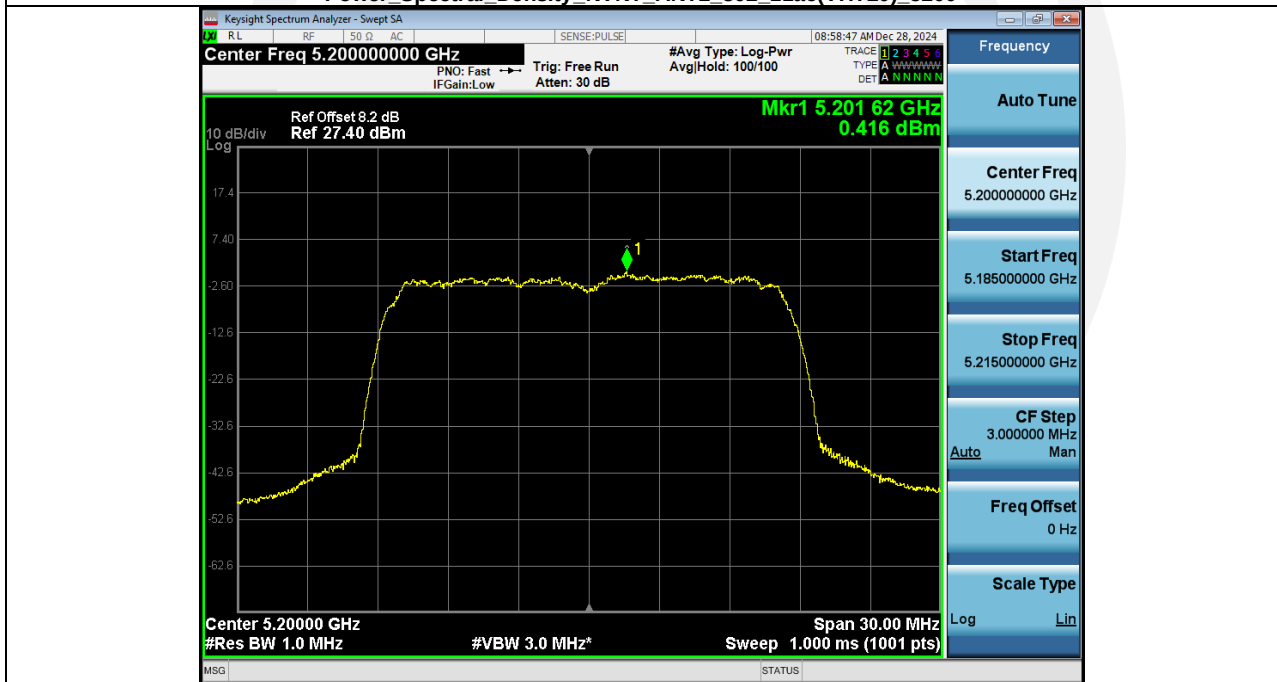
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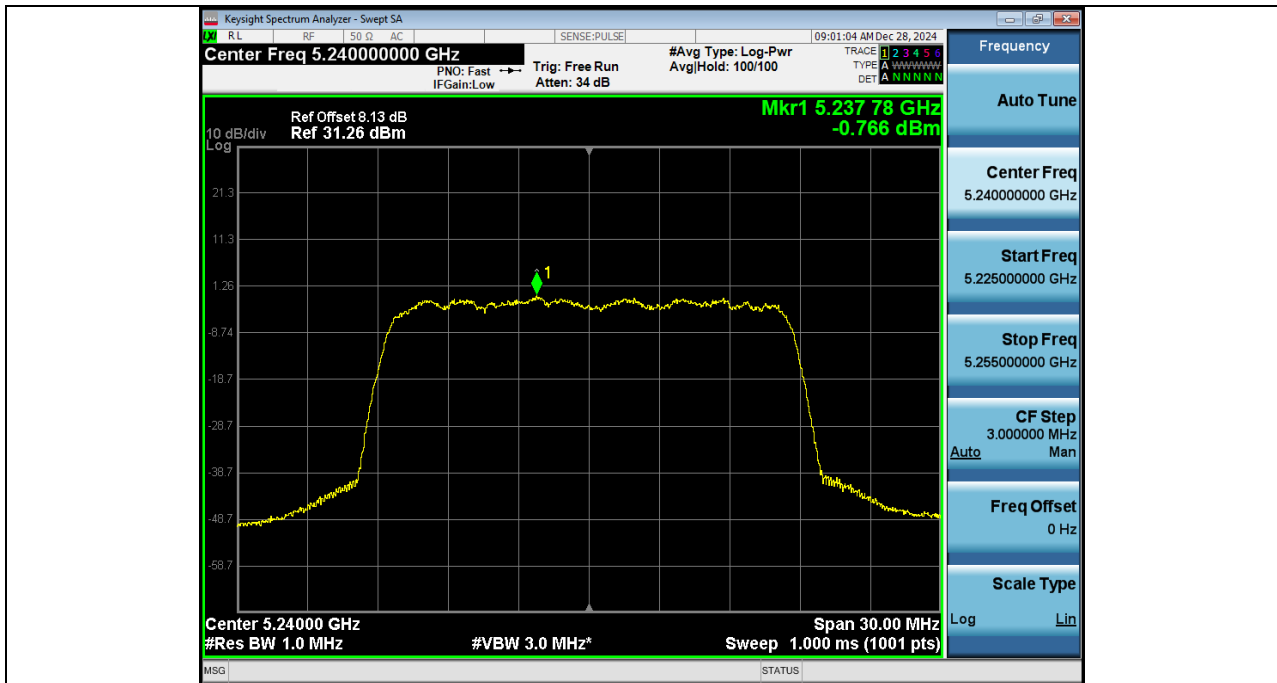
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Power Spectral Density_NVNT_ANT2_802_11ac(VHT20)_5200



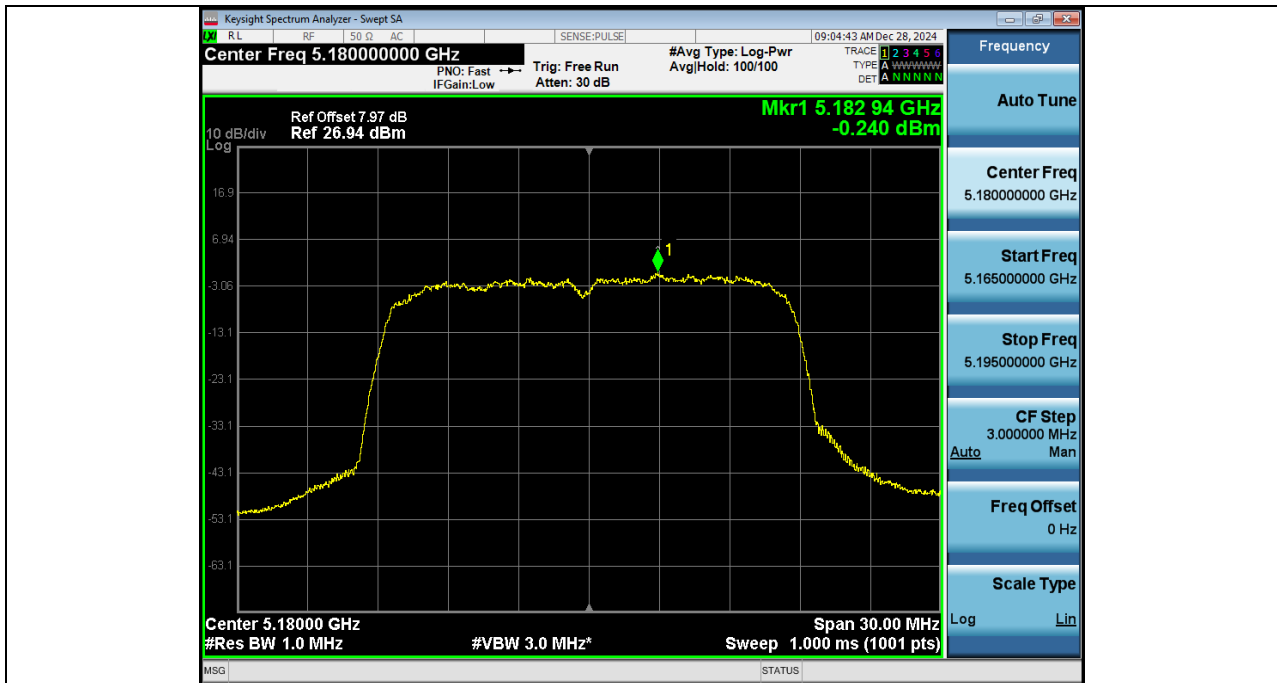
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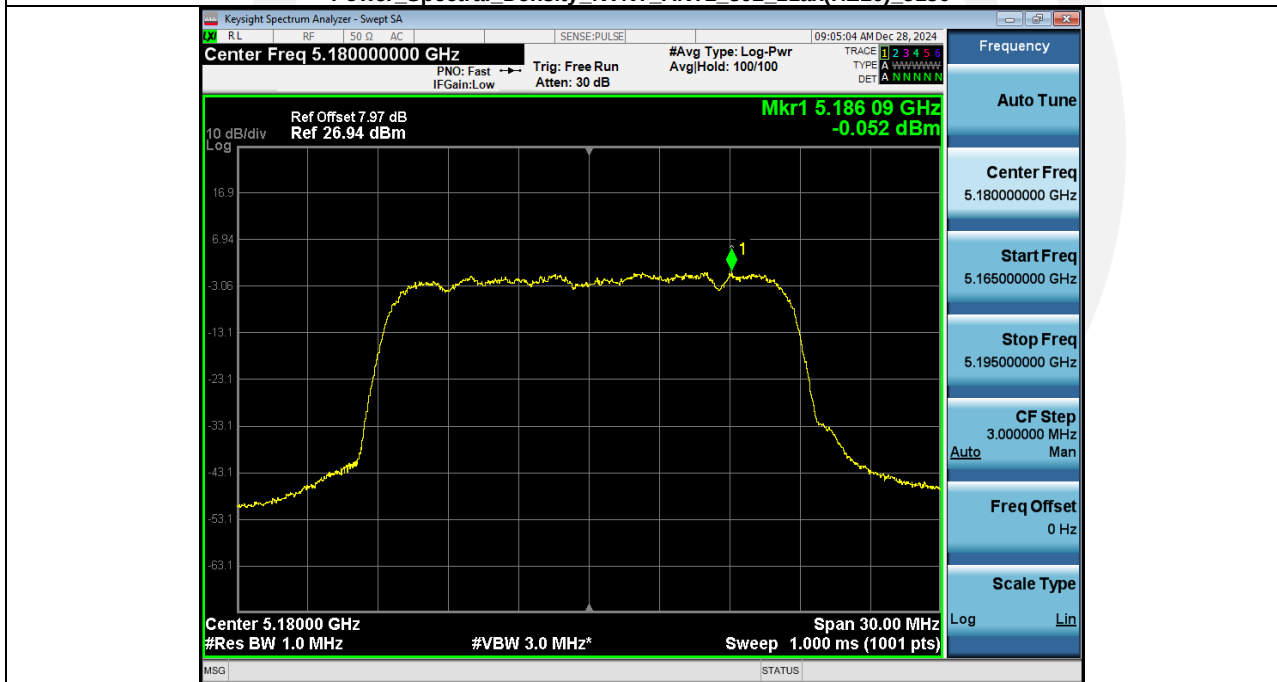
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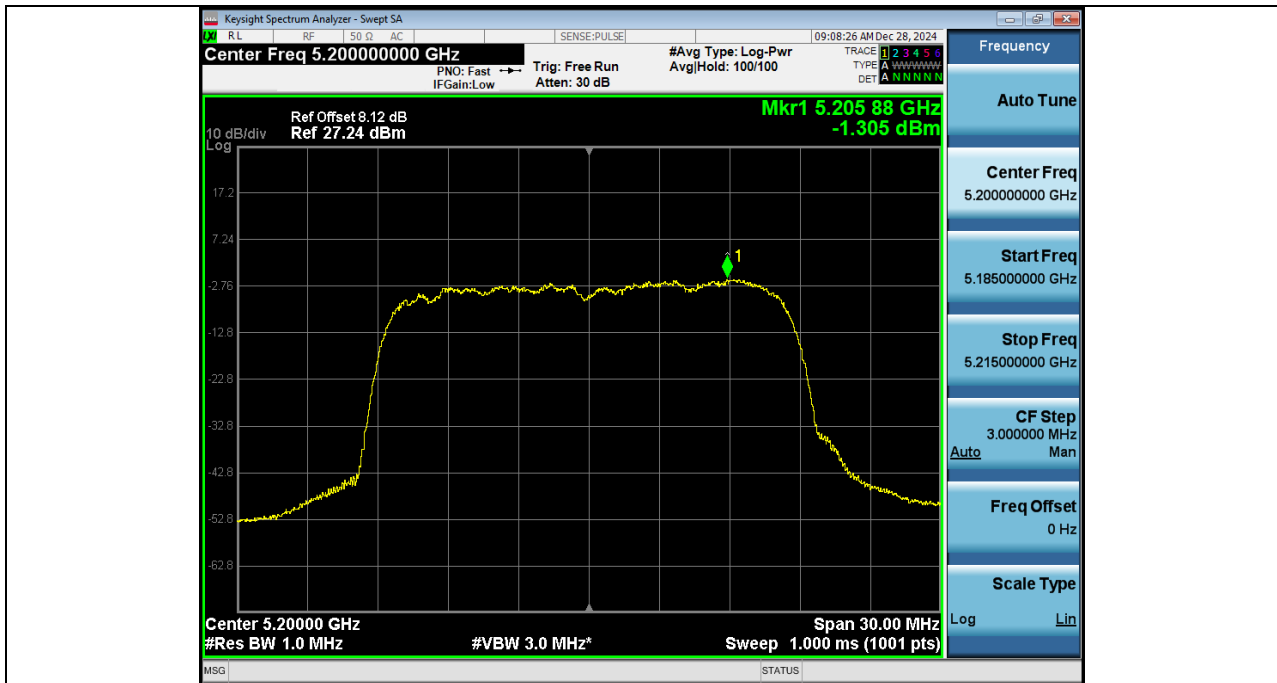
Power Spectral Density_NVNT ANT1 802_11ax(HE20) 5180



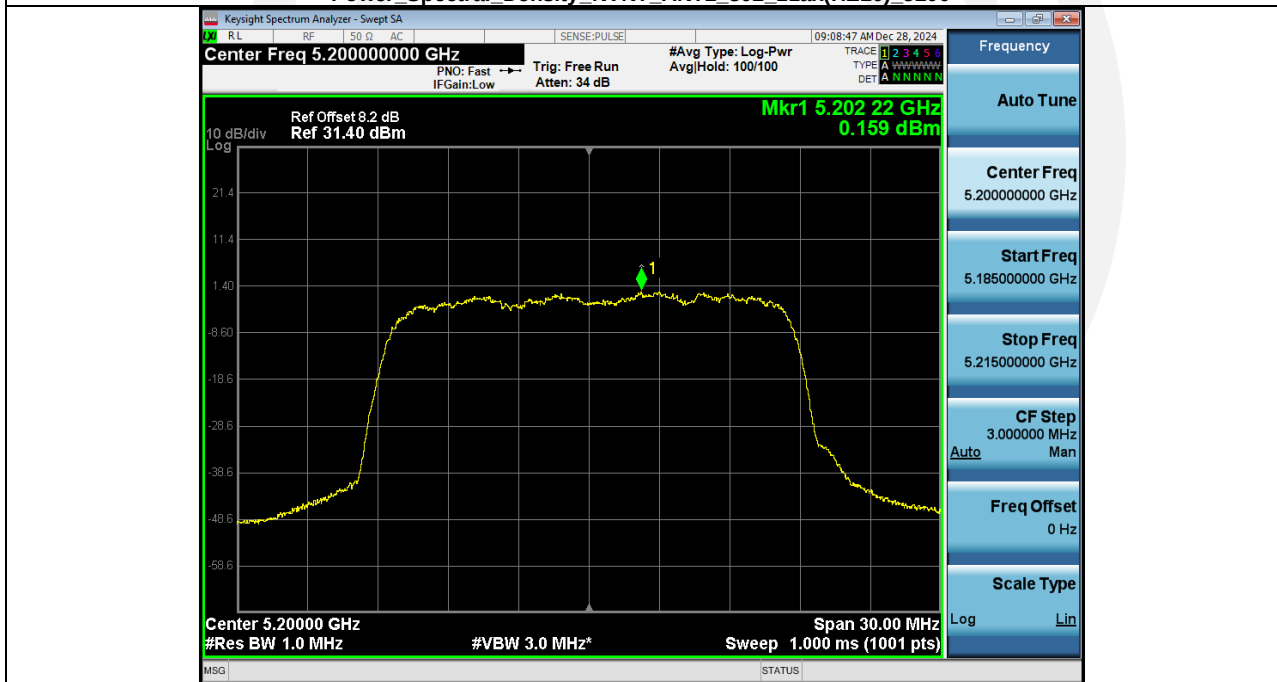
Power Spectral Density NVNT ANT2 802.11ax(HE20) 5180



Power Spectral Density NVNT ANT1 802.11ax(HE20) 5200



Power Spectral Density NVNT ANT2 802.11ax(HE20) 5200



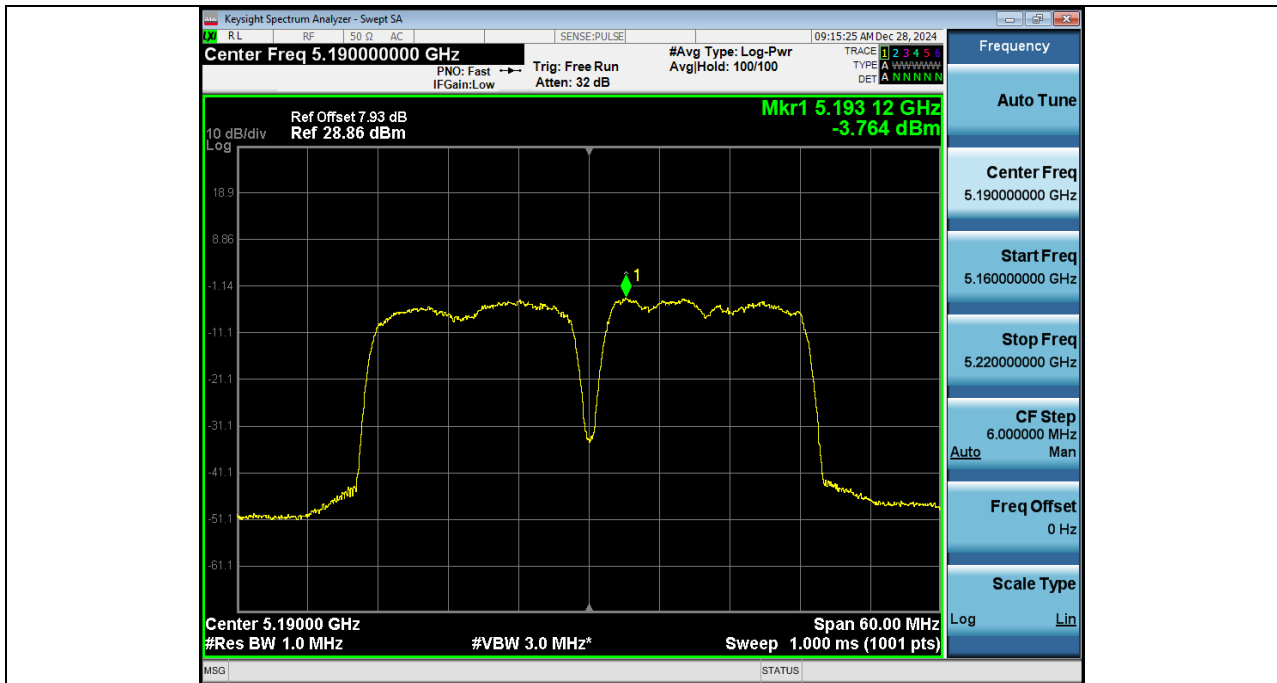
Power Spectral Density NVNT ANT1 802.11ax(HE20) 5240



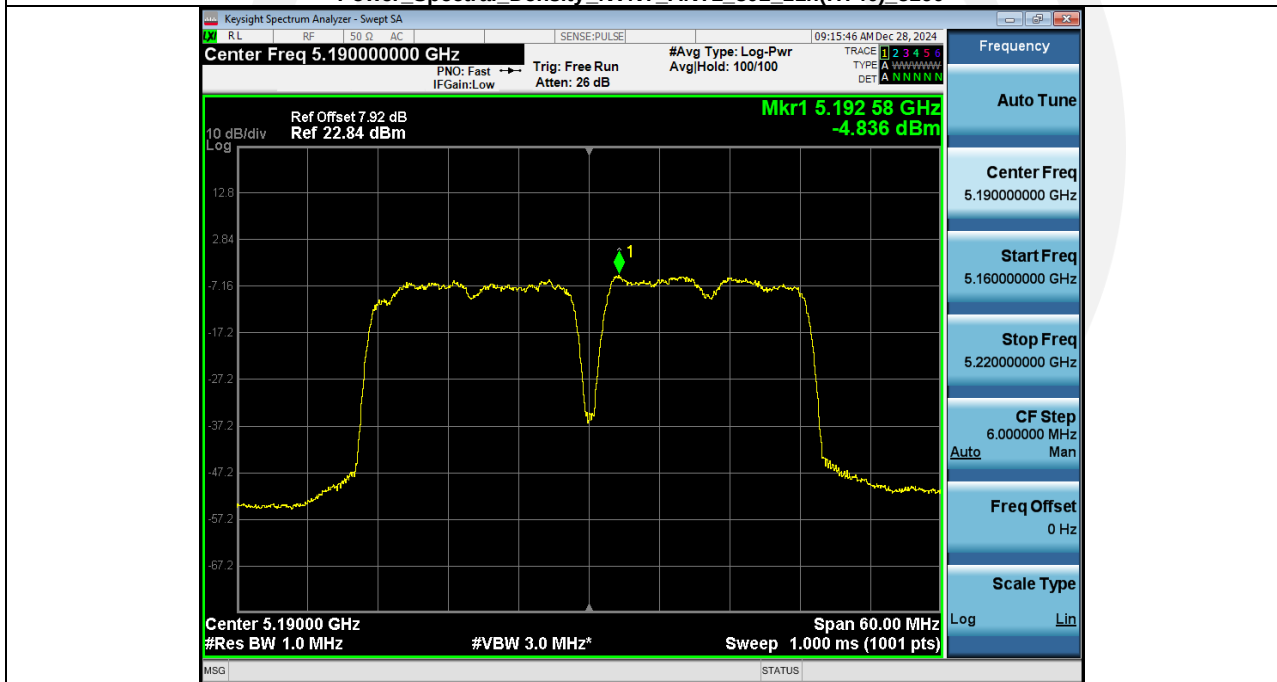
Power Spectral Density NVNT ANT2 802.11ax(HE20) 5240



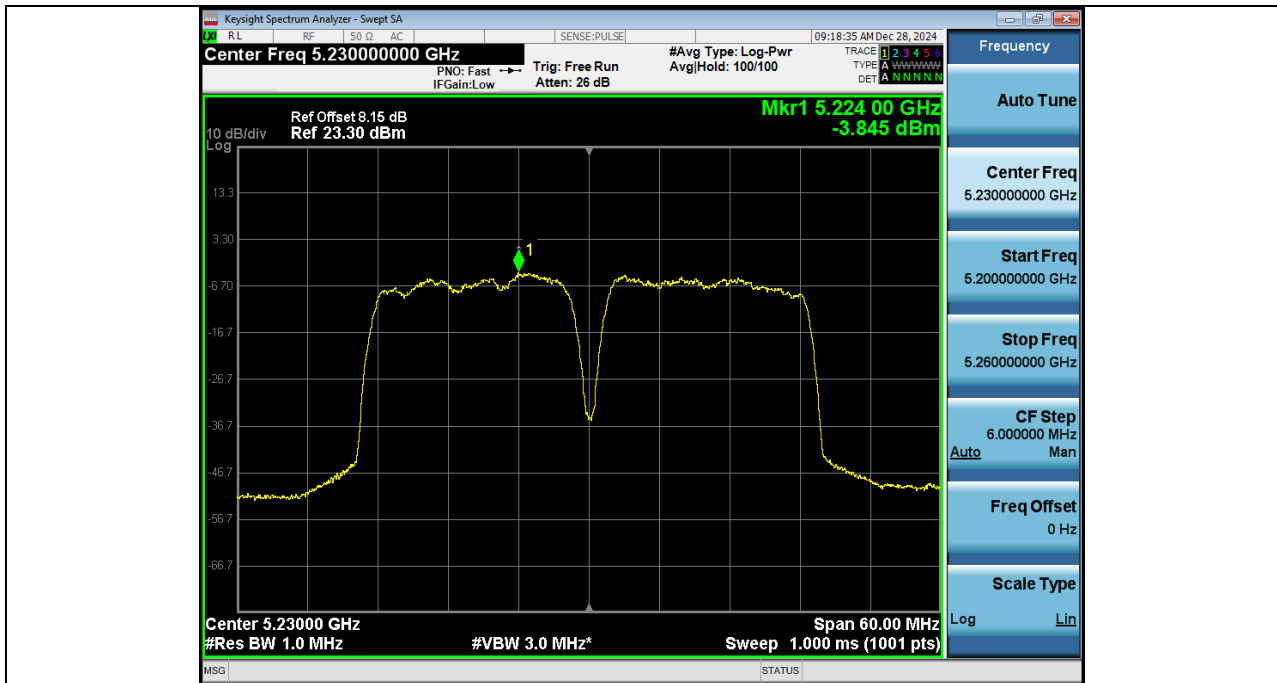
Power Spectral Density NVNT ANT1 802.11n(HT40) 5190



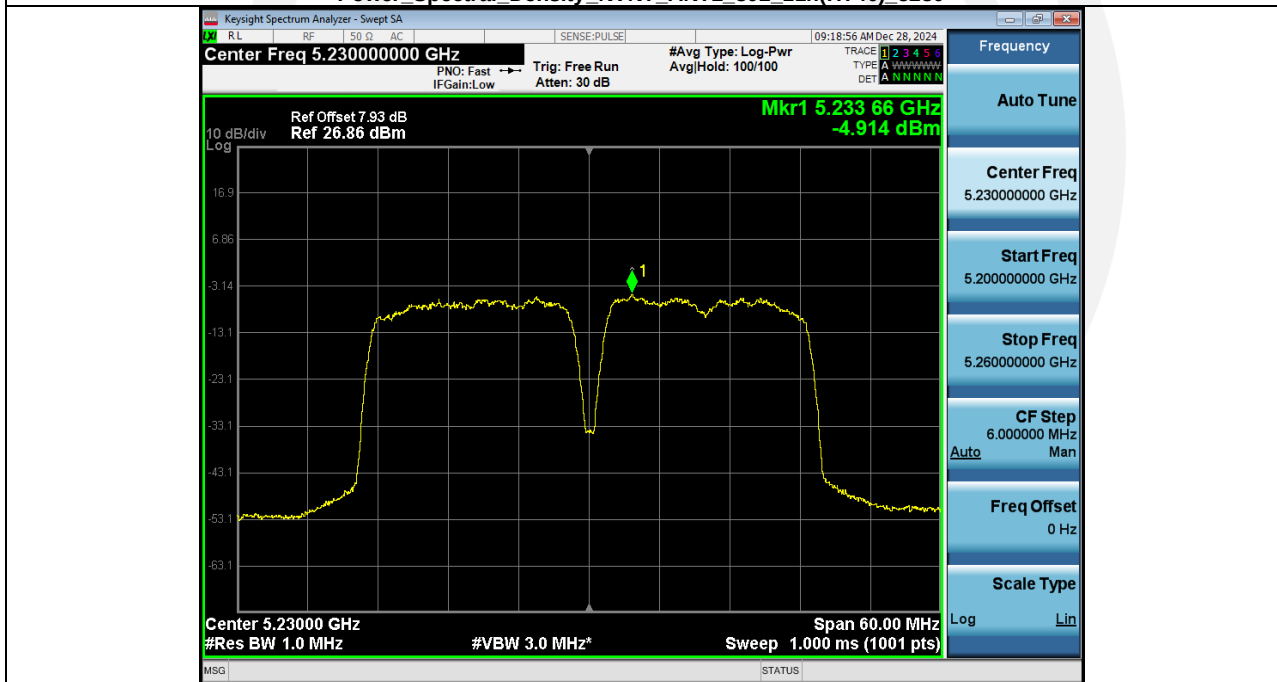
Power Spectral Density NVNT_ANT2_802_11n(HT40)_5190



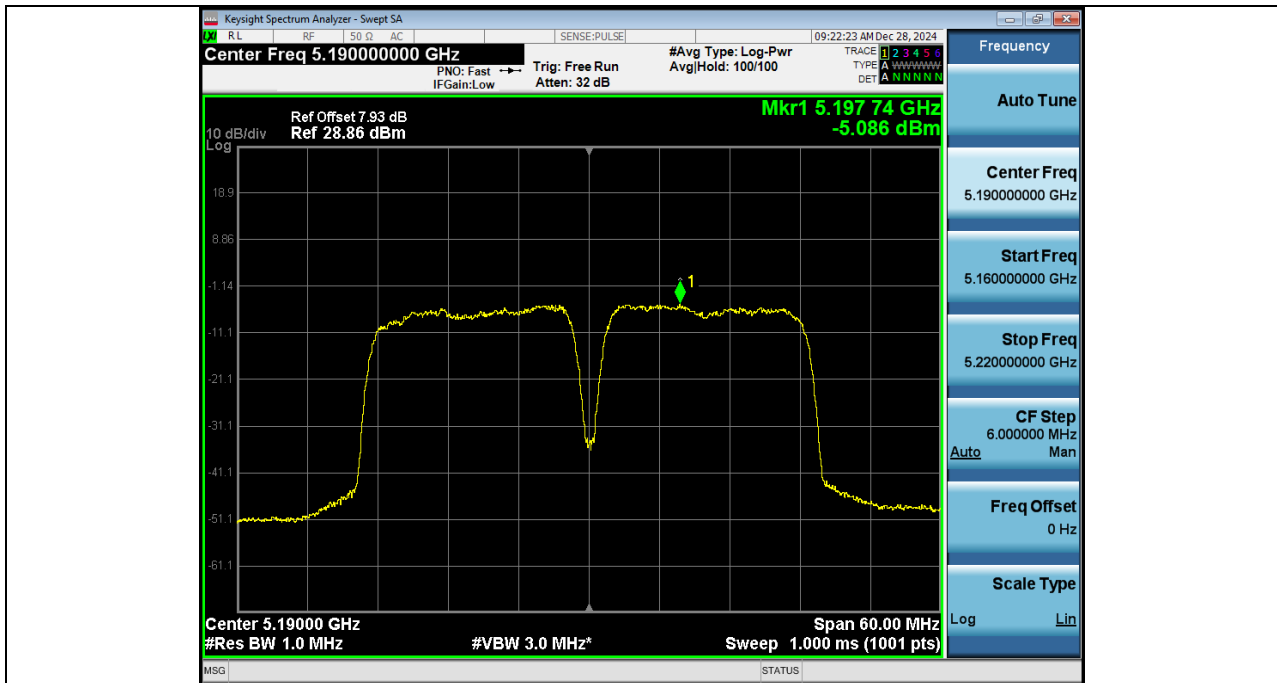
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5230



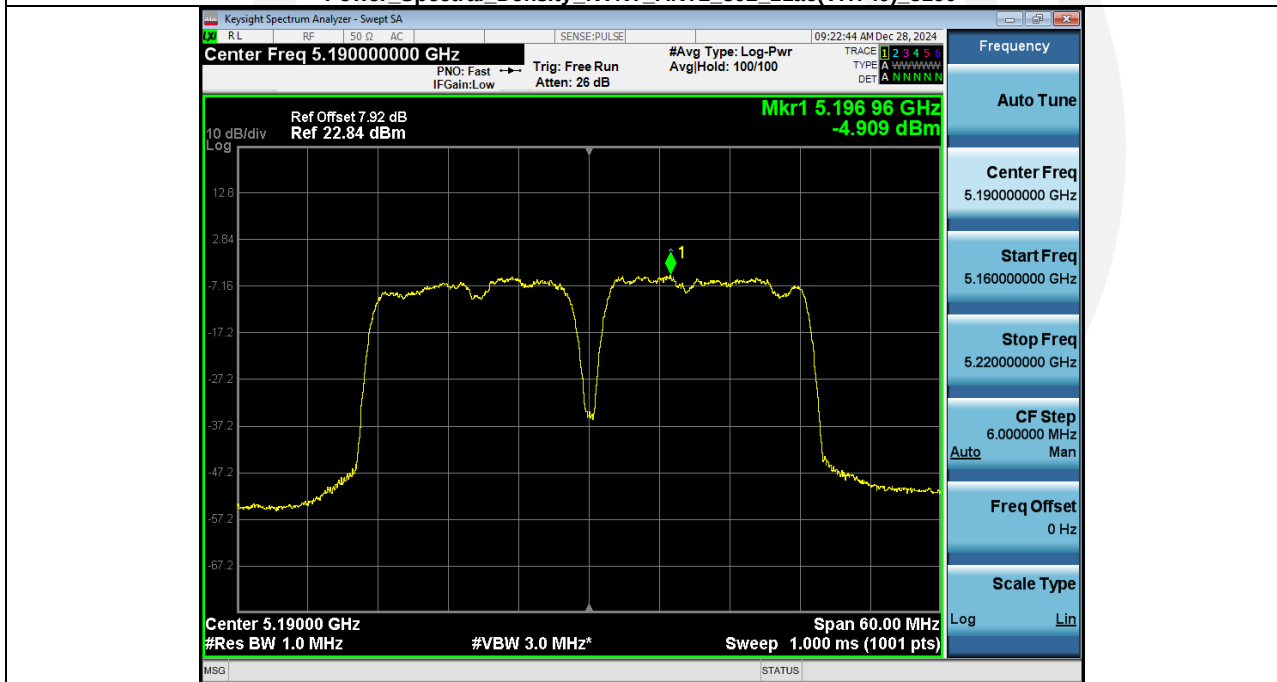
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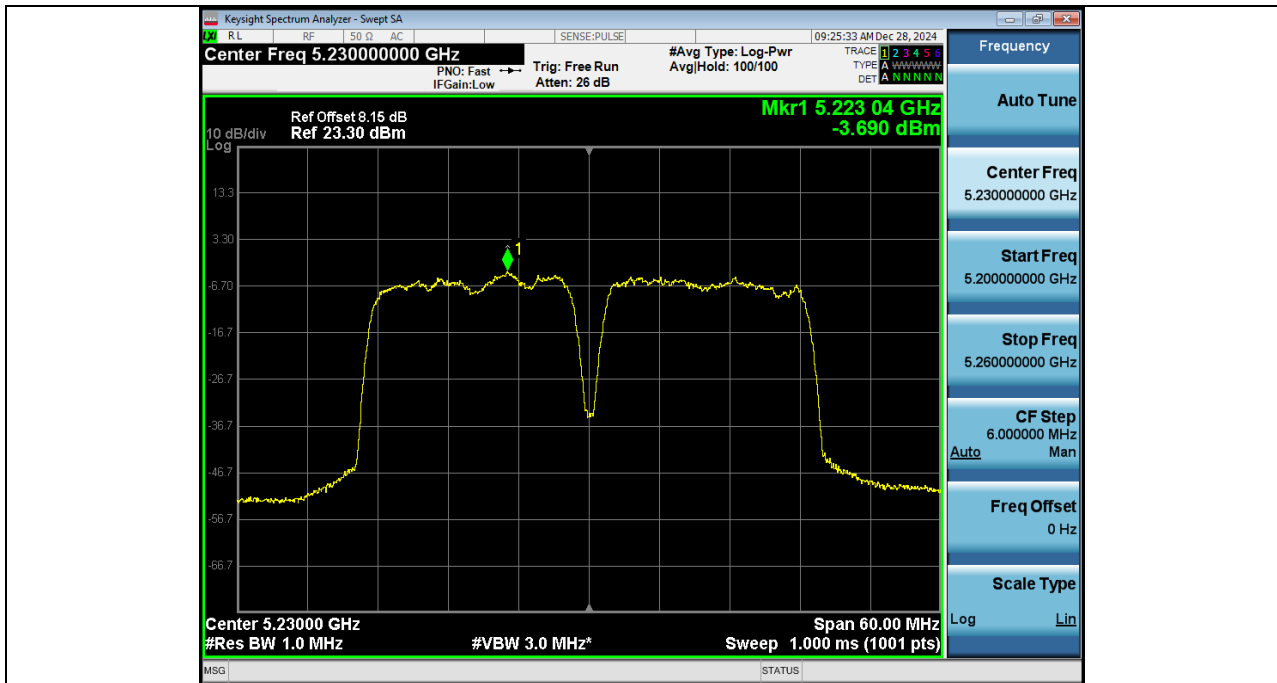
Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5190



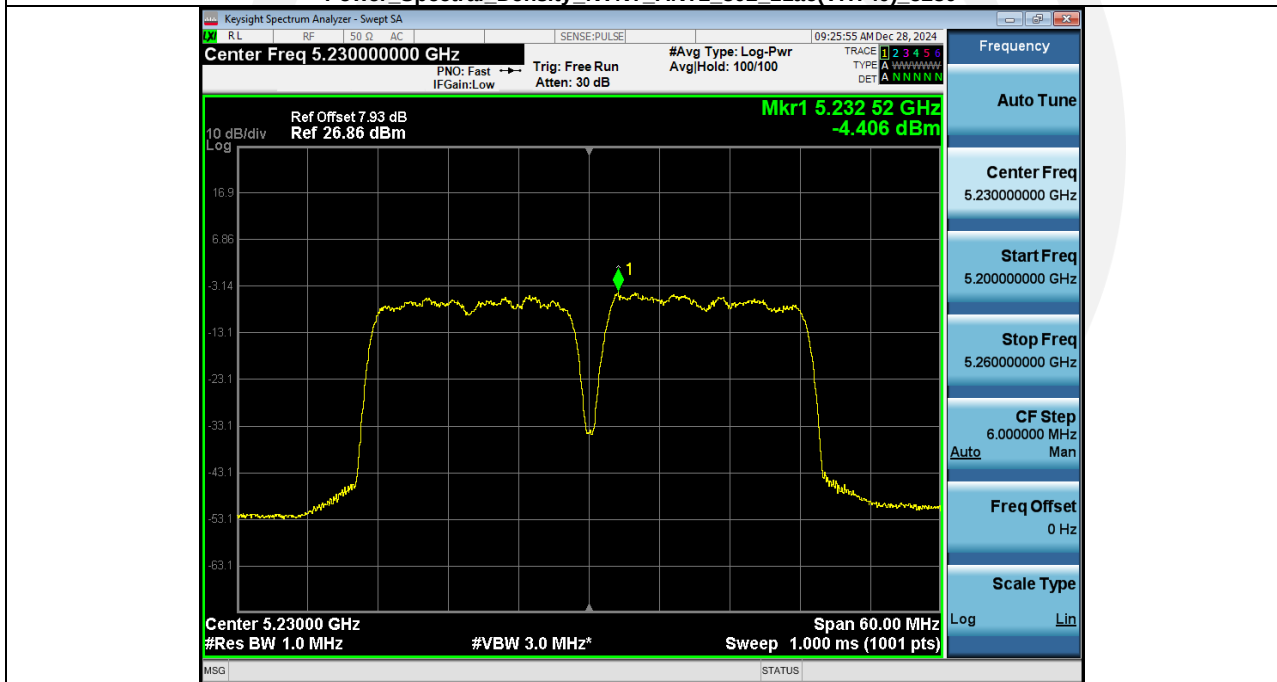
Power Spectral Density_NVNT_ANT2_802_11ac(VHT40)_5190



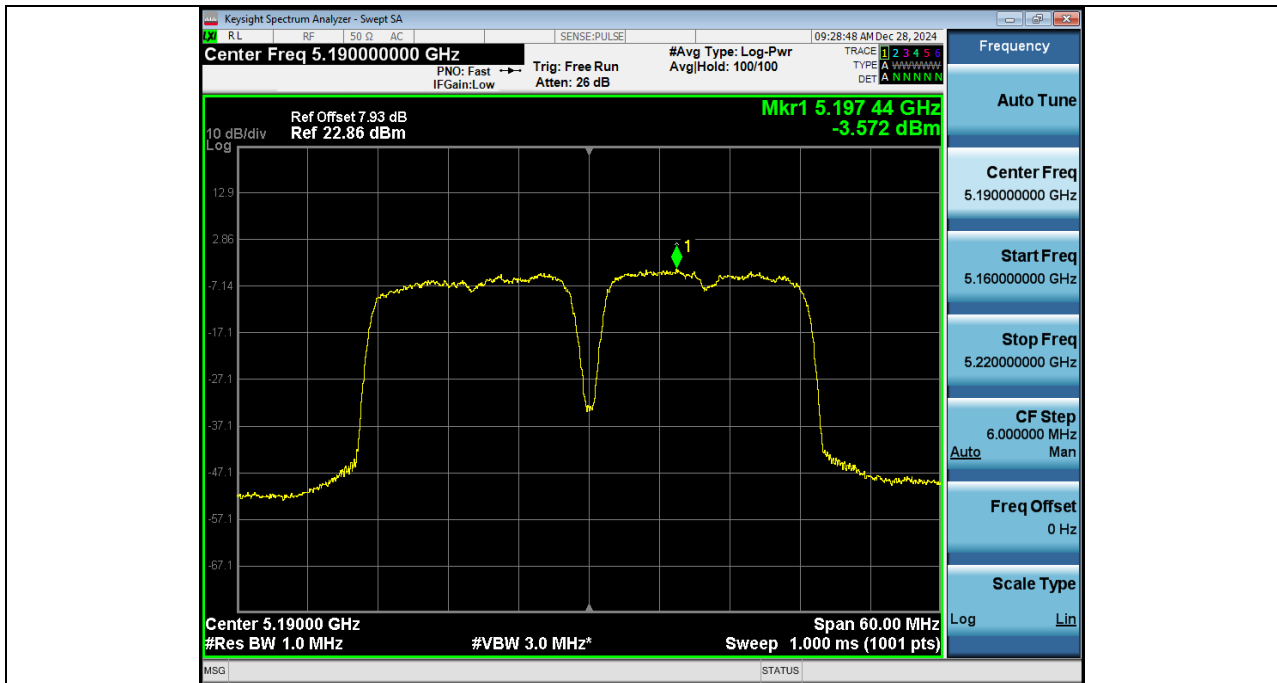
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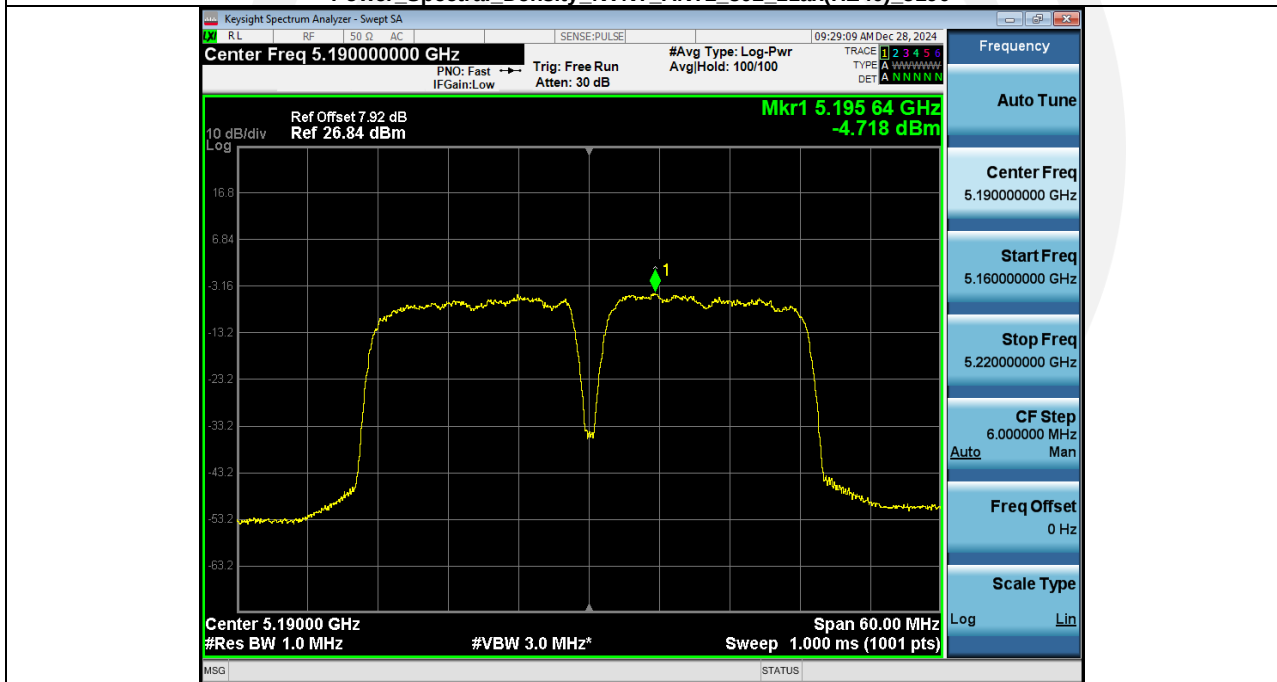
Power Spectral Density_NVNT ANT2 802_11ac(VHT40) 5230



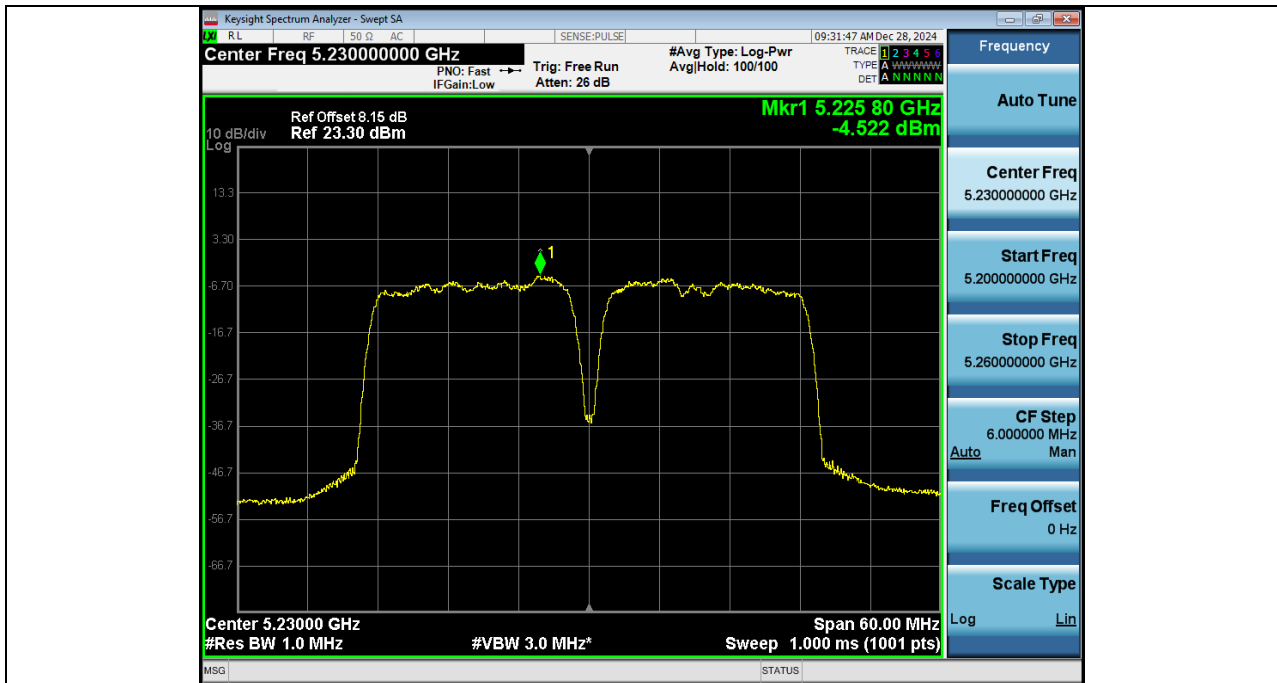
Power Spectral Density_NVNT ANT1 802_11ax(HE40) 5190



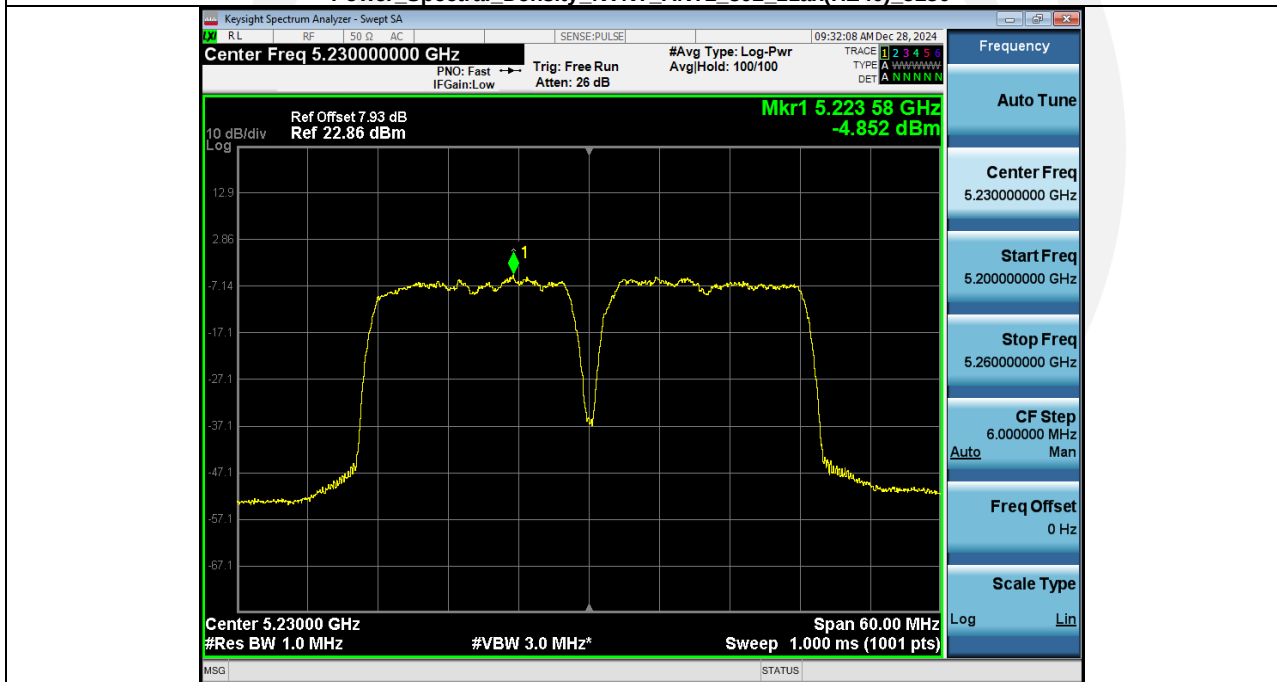
Power Spectral Density NVNT ANT2 802_11ax(HE40) 5190



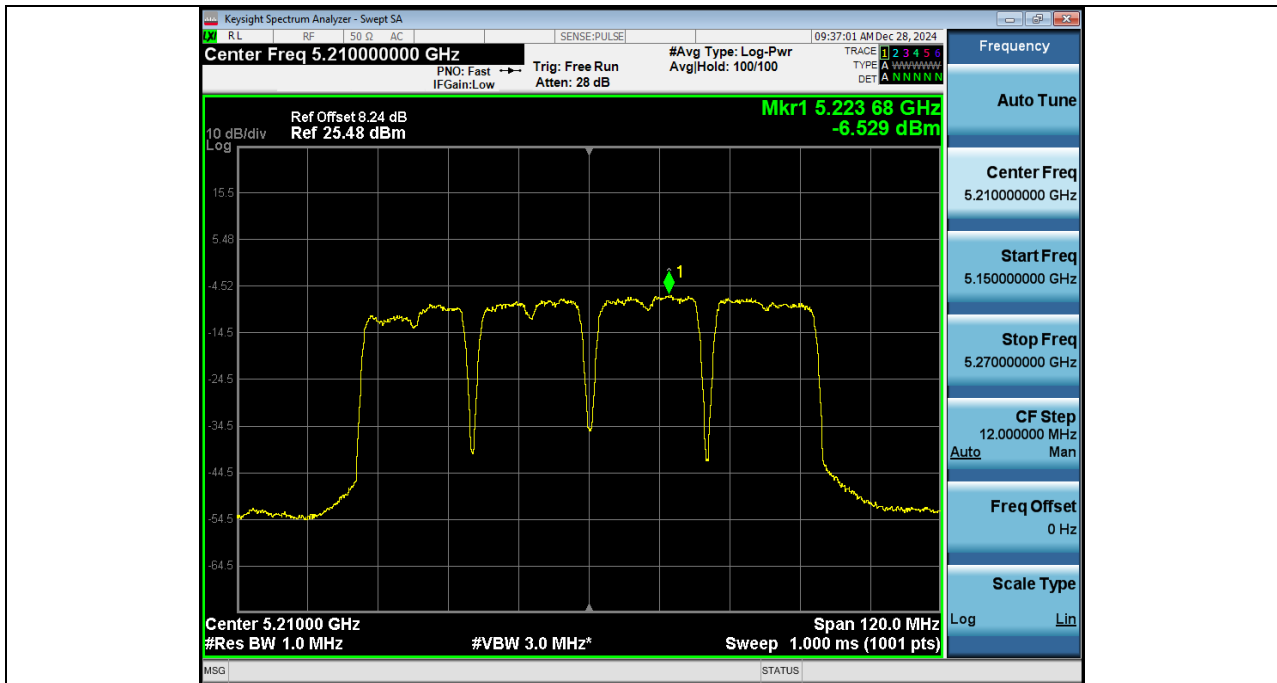
Power Spectral Density NVNT ANT1 802_11ax(HE40) 5230



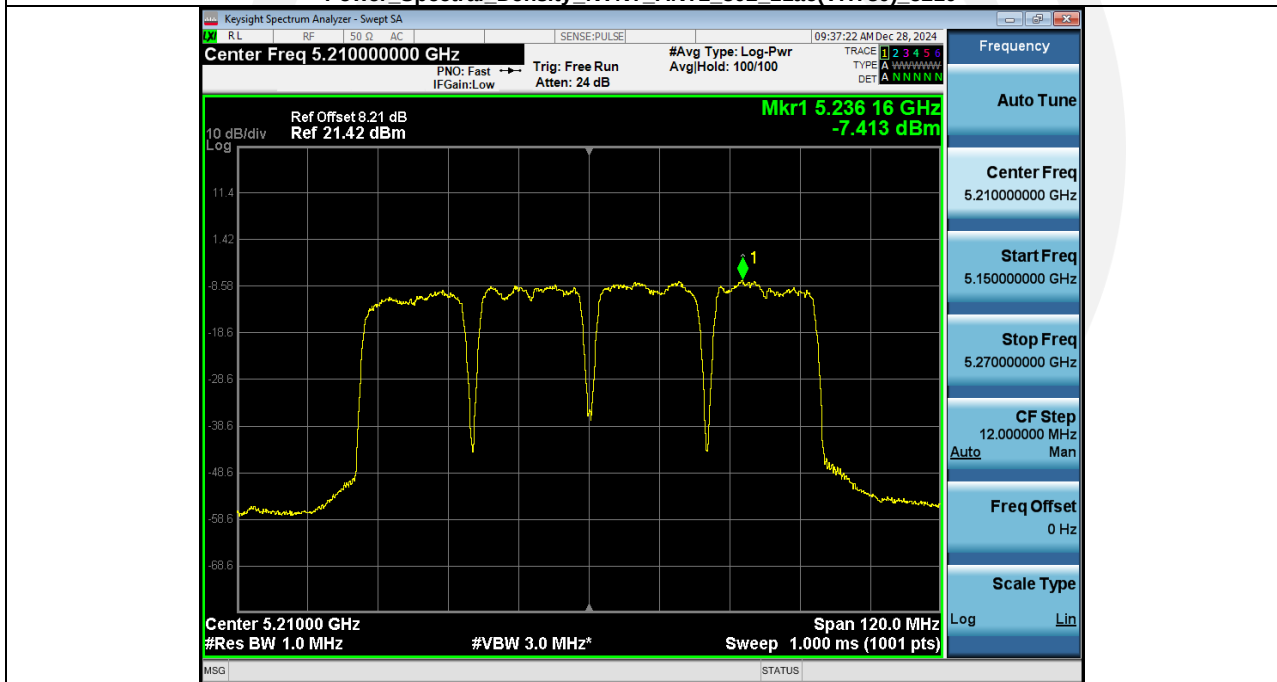
Power Spectral Density NVNT ANT2 802_11ax(HE40) 5230



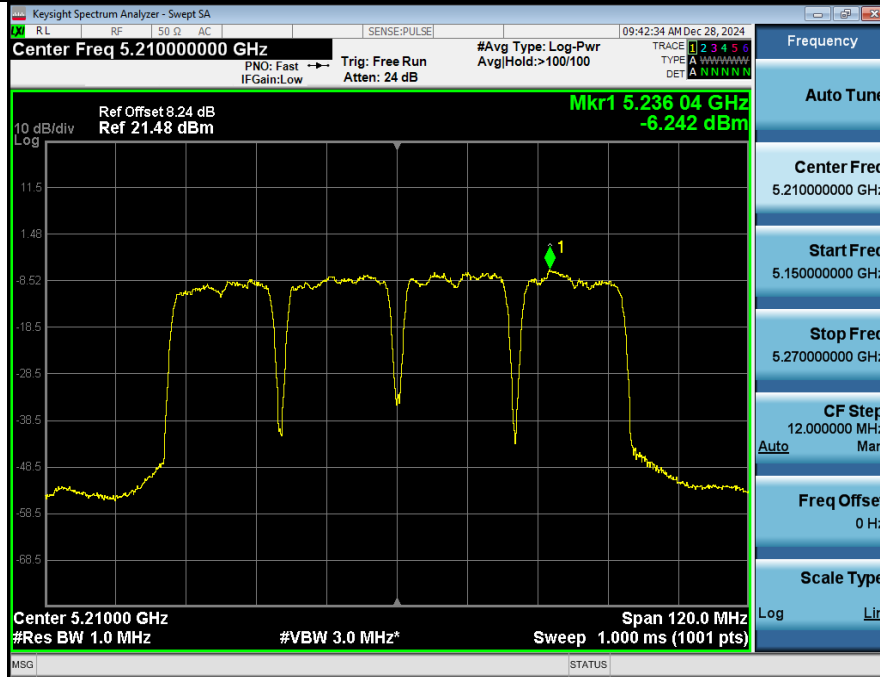
Power Spectral Density NVNT ANT1 802_11ac(VHT80) 5210



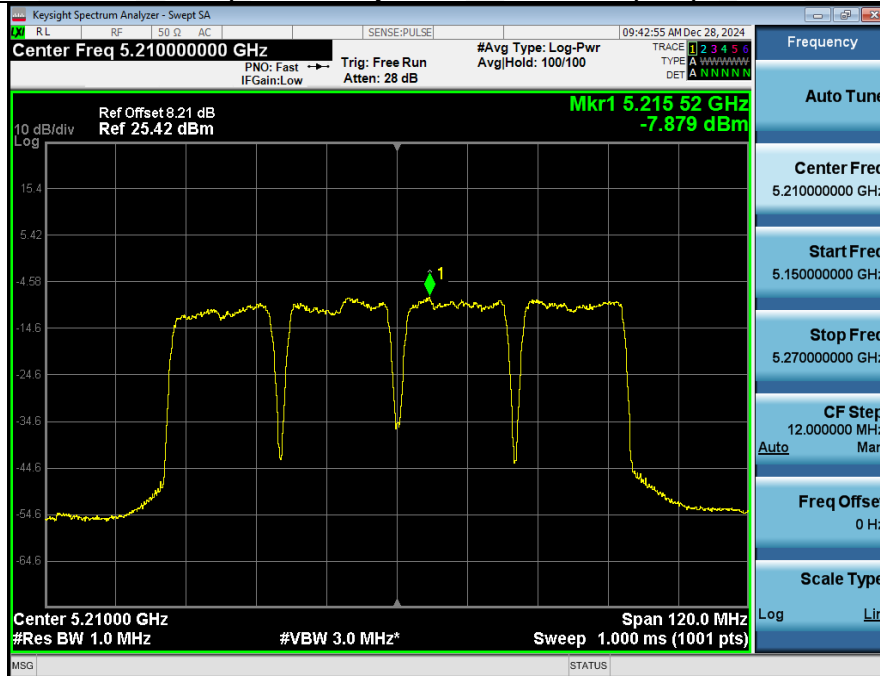
Power Spectral Density_NVNT_ANT2_802_11ac(VHT80)_5210



Power Spectral Density NVNT_ANT1_802_11ax(HE80)_5210

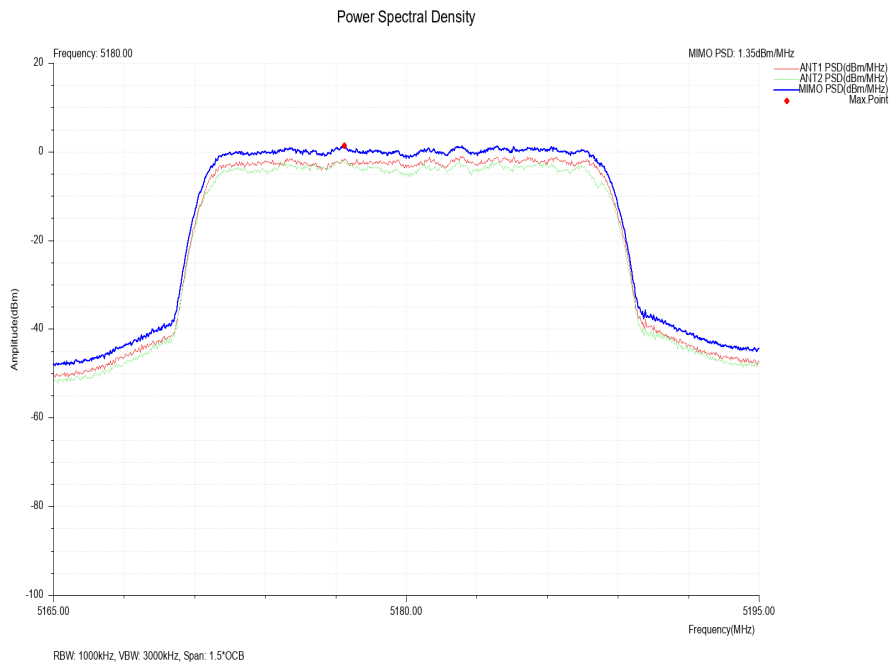


Power Spectral Density NVNT_ANT2_802_11ax(HE80)_5210

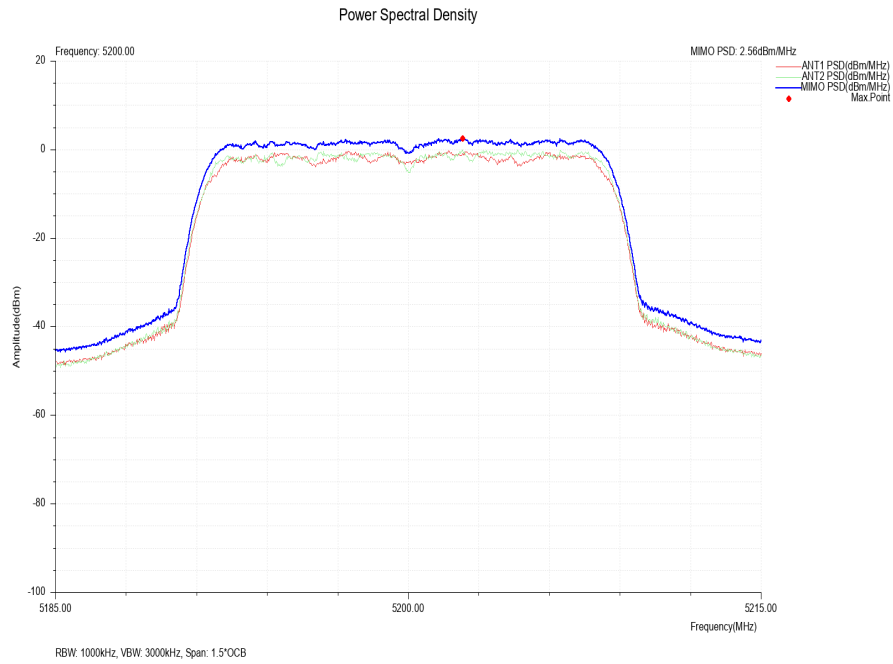


Condition	Antenna	Mode	Frequency (MHz)	MIMO PSD(dBm/MHz)	Limit(dBm/MHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	1.35	11	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	2.56	11	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	2.14	11	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	2.14	11	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	3.47	11	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	1.76	11	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	2.46	11	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	2.21	11	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	2.00	11	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	-1.41	11	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	-1.81	11	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	-2.11	11	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	-1.78	11	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	-1.18	11	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	-2.38	11	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	-4.27	11	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	-4.38	11	Pass

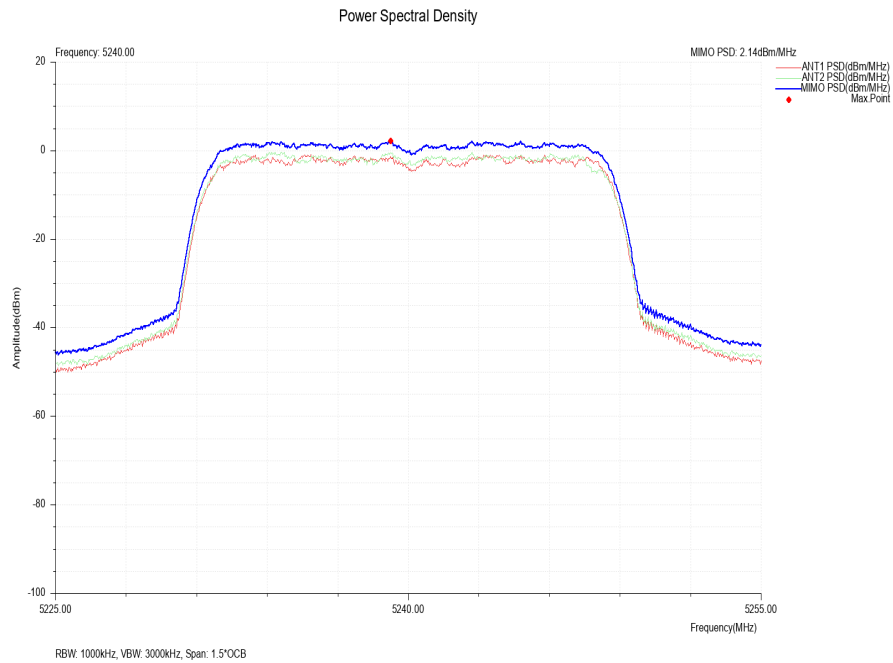
NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_5180

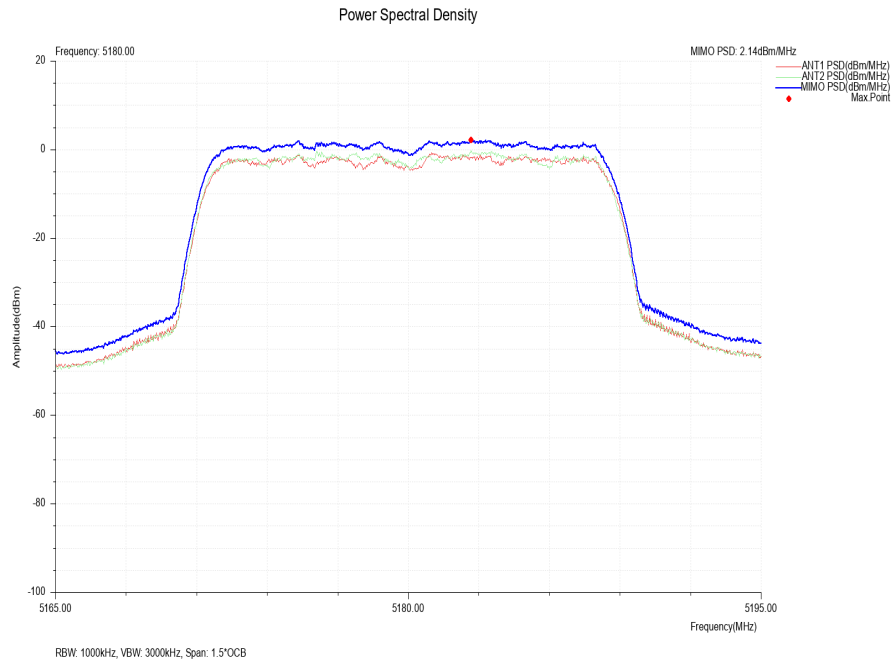
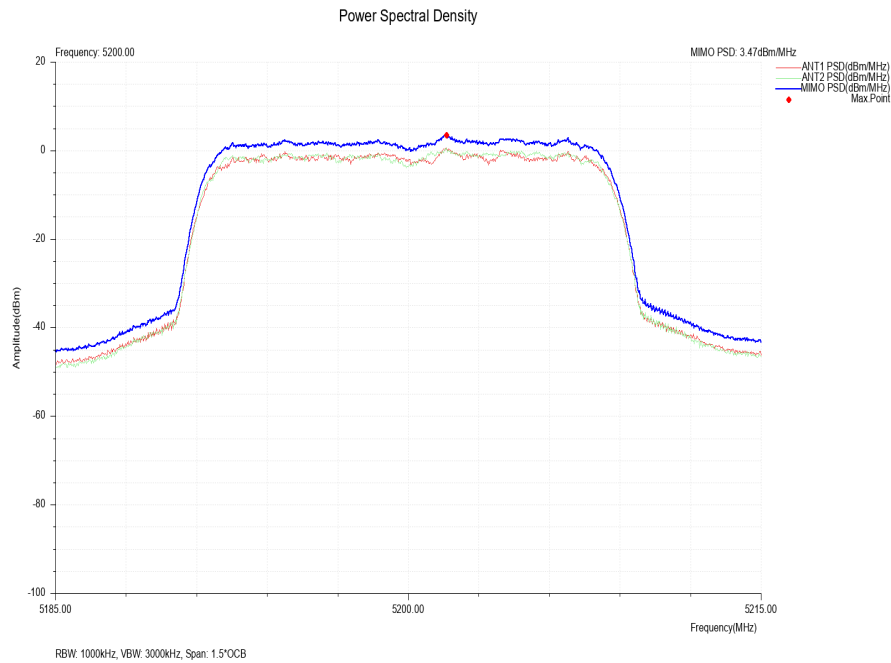


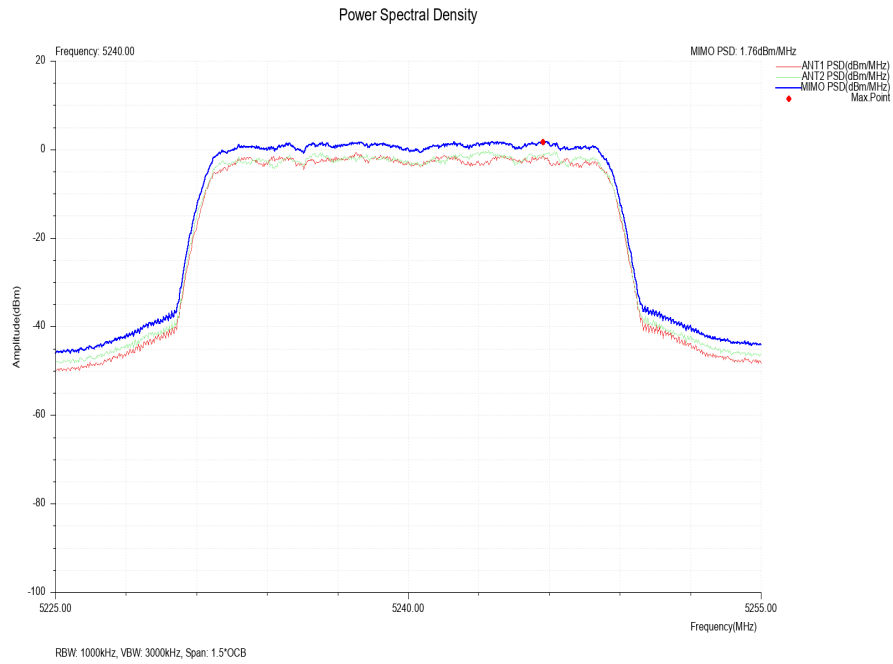
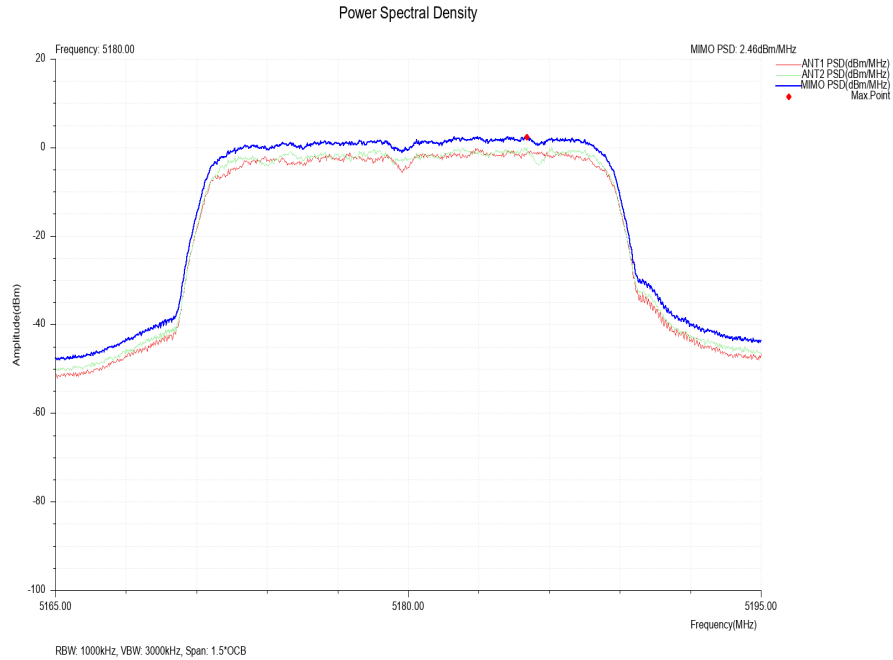
NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_5200



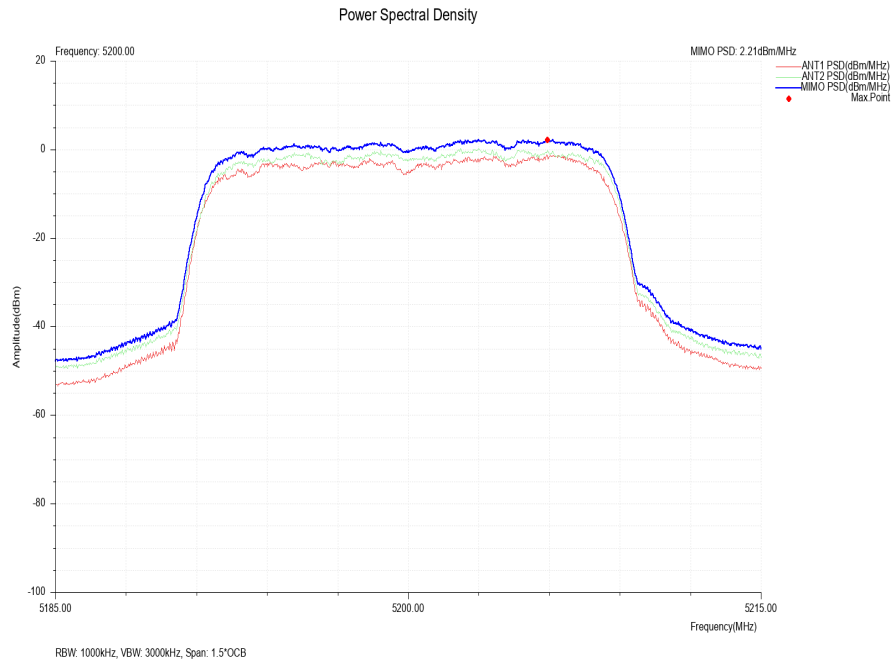
NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_5240



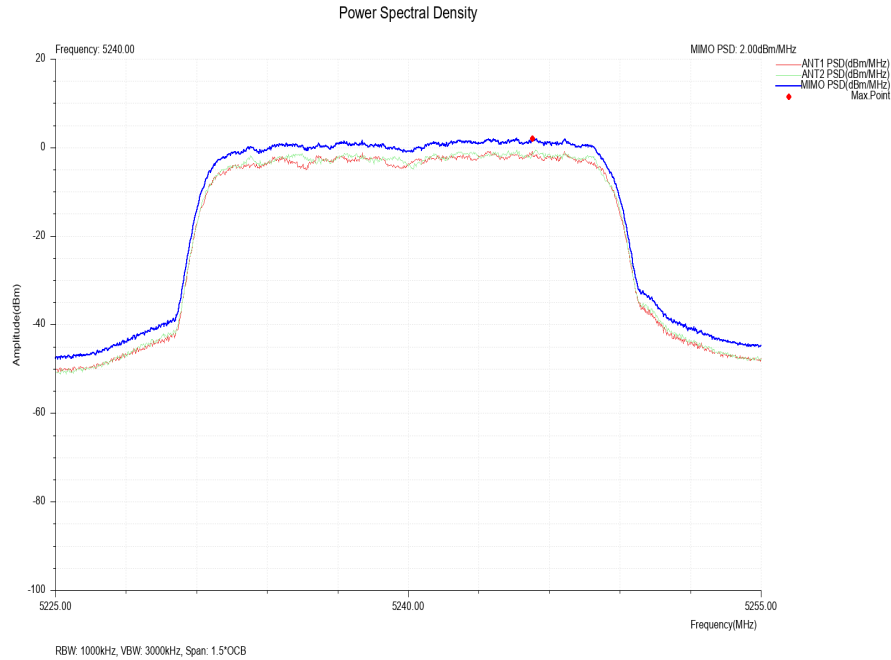
NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5180**NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5200**

NVNT_MIMO_TX_802_11ac(VHT20) Power Spectral Density 5240**NVNT_MIMO_TX_802_11ax(HE20) Power Spectral Density 5180**

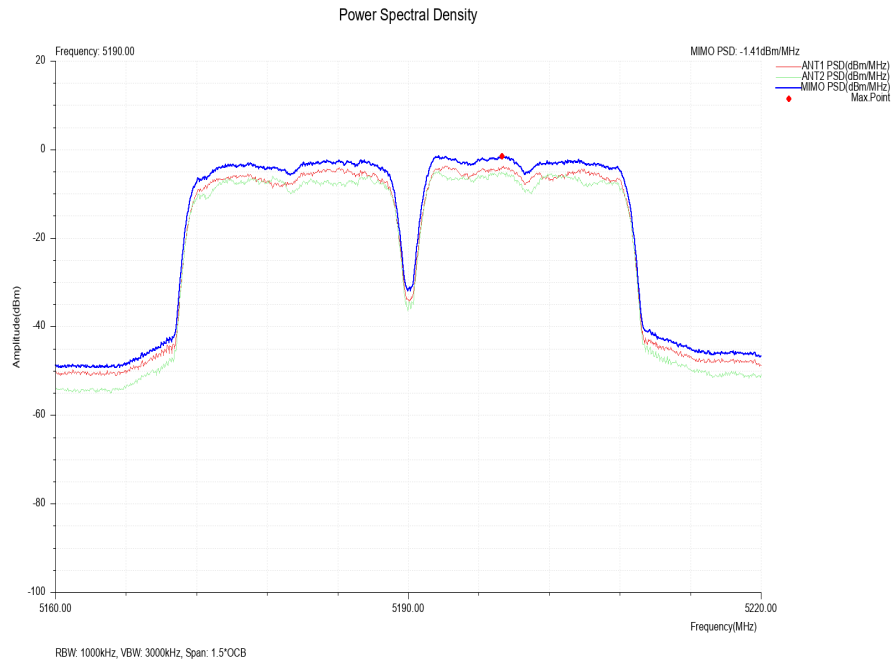
NVNT_MIMO_TX_802_11ax(HE20)_Power_Spectral_Density_5200



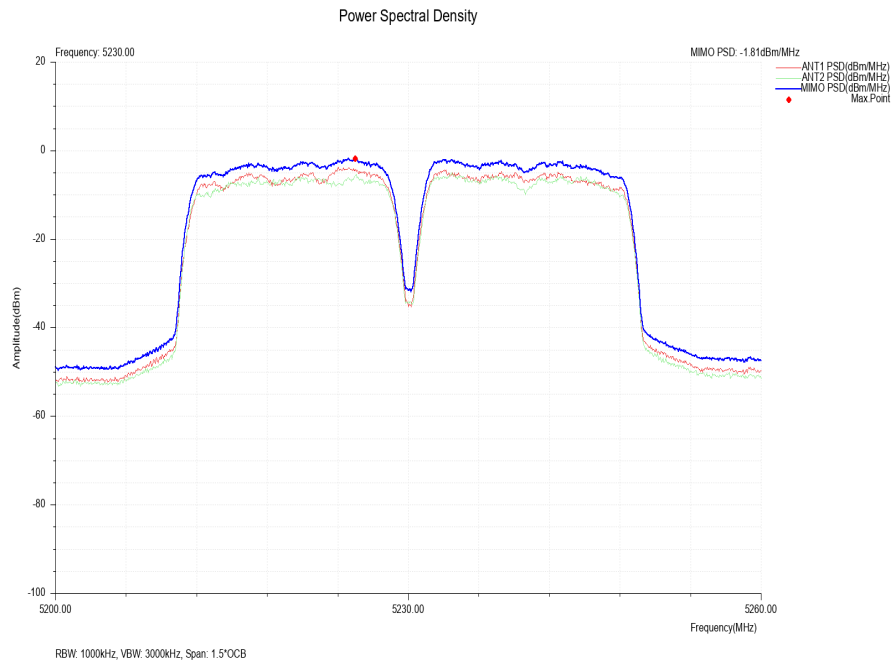
NVNT_MIMO_TX_802_11ax(HE20)_Power_Spectral_Density_5240



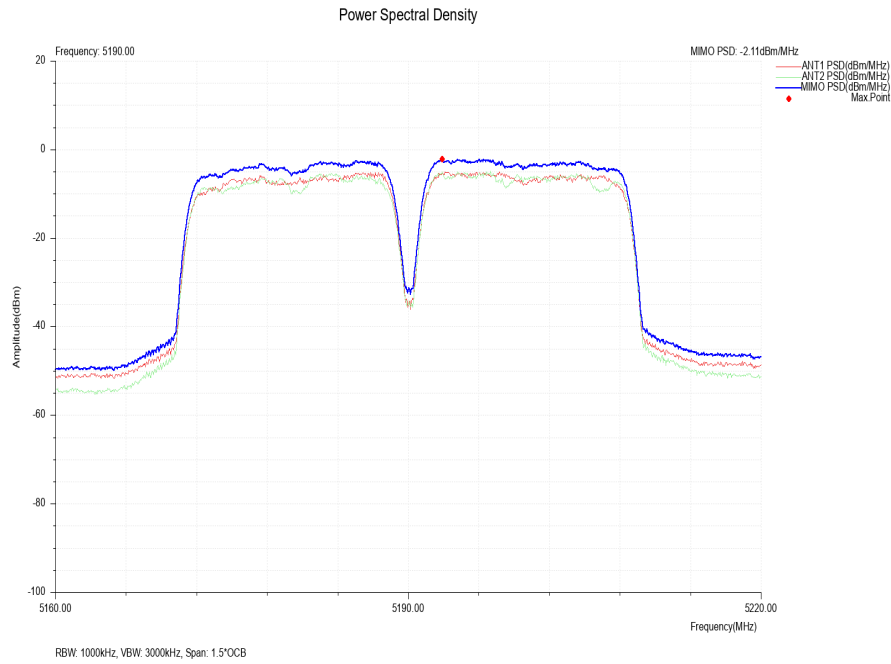
NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_5190



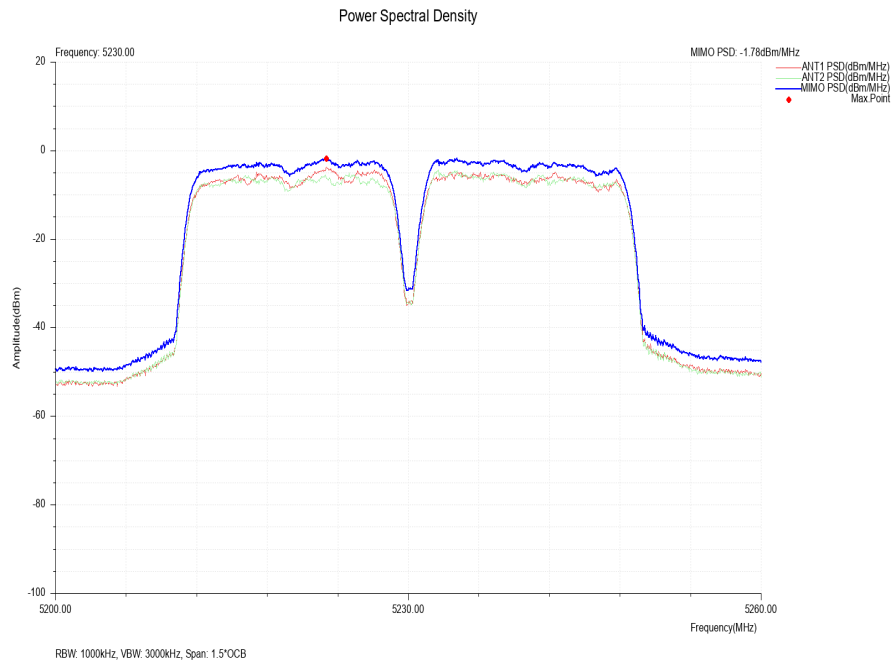
NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_5230

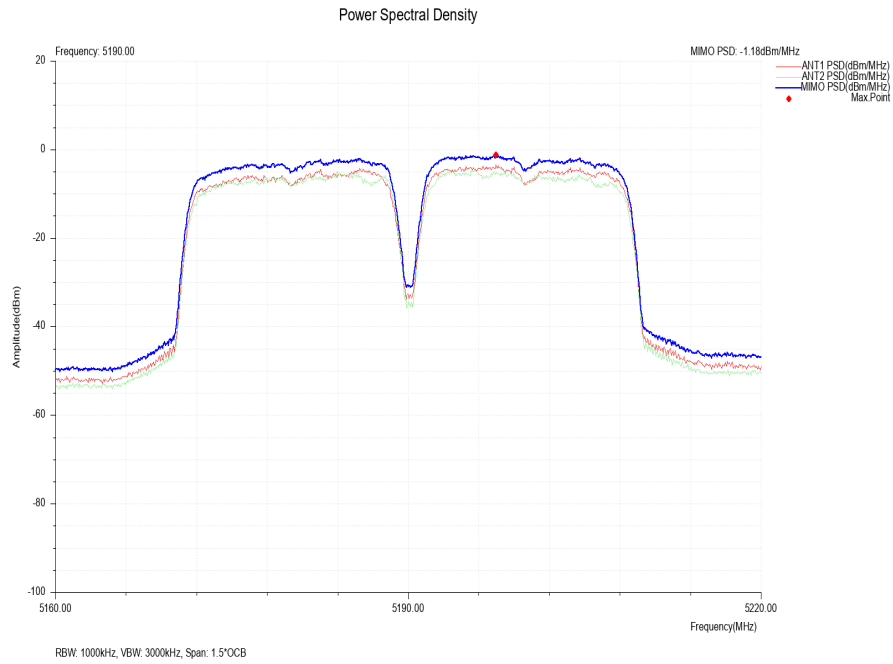
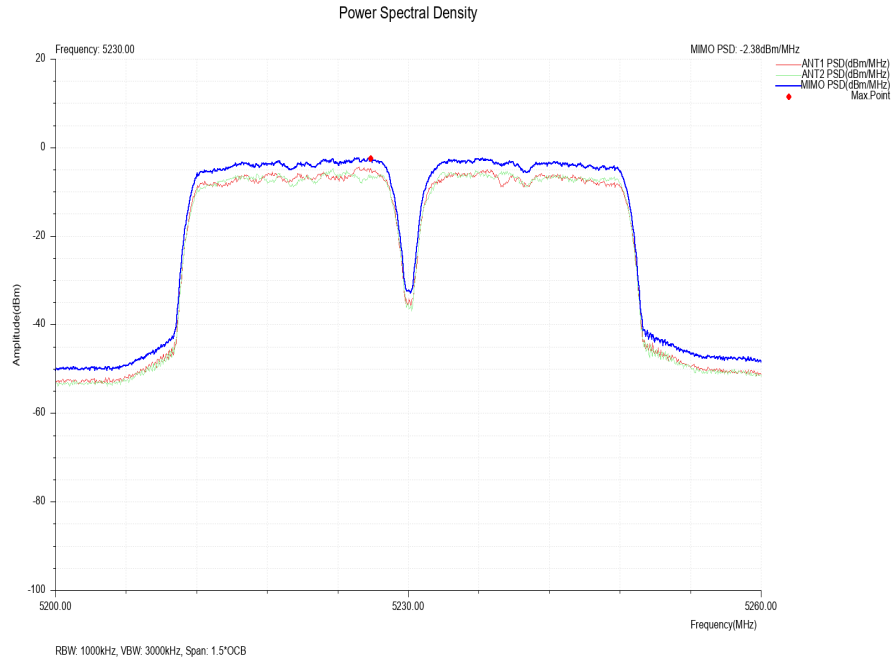


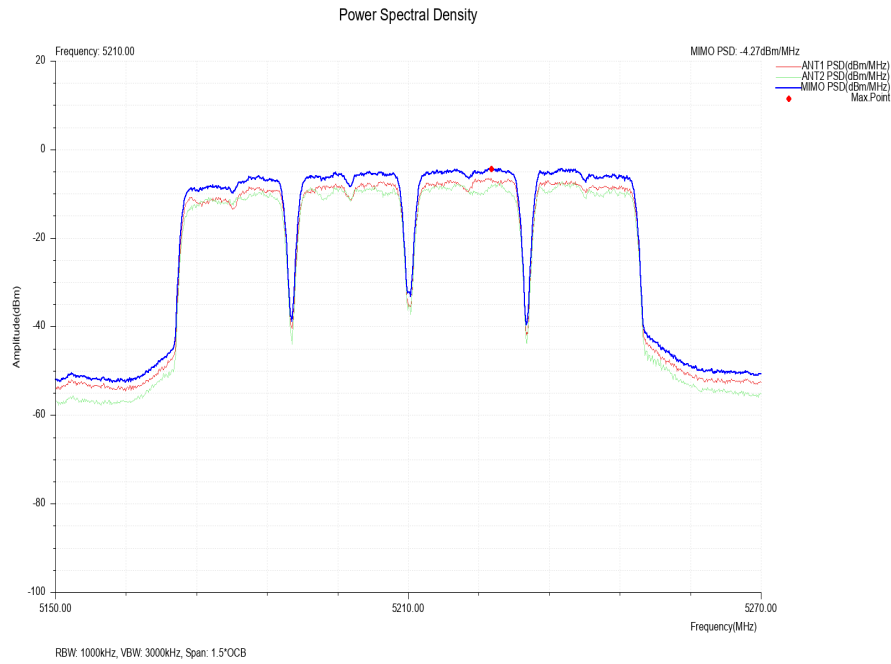
NVNT_MIMO_TX_802_11ac(VHT40) Power Spectral Density 5190



NVNT_MIMO_TX_802_11ac(VHT40) Power Spectral Density 5230



NVNT_MIMO_TX_802_11ax(HE40)_Power_Spectral_Density_5190**NVNT_MIMO_TX_802_11ax(HE40)_Power_Spectral_Density_5230**

NVNT_MIMO_TX_802_11ac(VHT80) Power Spectral Density 5210**NVNT_MIMO_TX_802_11ax(HE80) Power Spectral Density 5210**